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U. S. Department of Agriculture

Balderson Company, Inc.

610 Pennsylvania Ave., N. W., WASHINGTON, D. C.

Seedsmen

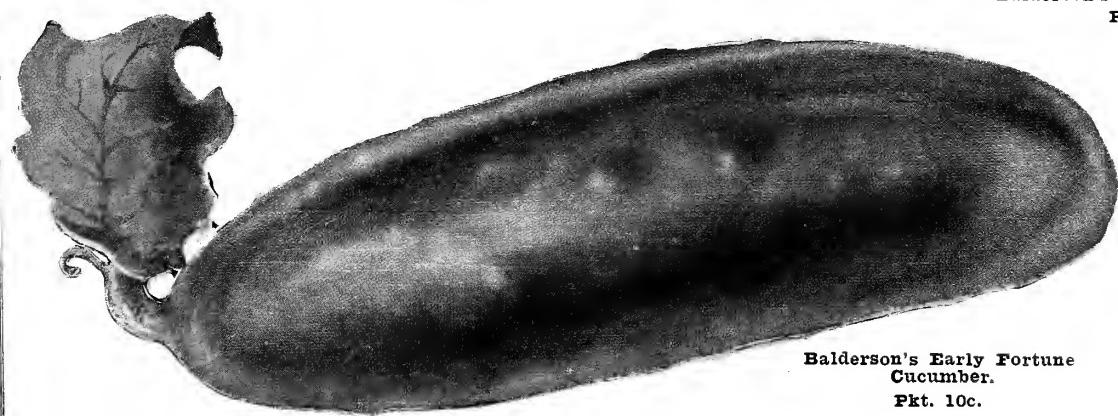
1929



Balderson's Golden Acre Cabbage.
Pkt. 10c.



Balderson's Marglobe Tomato.
Pkt. 15c.



Balderson's Early Fortune
Cucumber.
Pkt. 10c.

*Everything
for the
Farm and
Garden*



1 Packet Each of the 3 High Grade
Specialties on This Page, 25c; - or

FREE

with \$2.00 worth of
Garden and Flower Seeds



Washington Lawn Grass.

Balderson's Washington Lawn Grass MIXED FROM THE HIGHEST GRADE GRASSES

Never fails to produce a beautiful dark green, velvety lawn. It is composed of high-grade grasses, mixed in the proper proportions to insure a permanent lawn. Some of the most attractive lawns in and about our Capitol City, including many public buildings, have been obtained through the use of this seed.

DIRECTIONS: A beautiful lawn can be obtained by seeding either in Spring or Fall.

Thorough preparation of the soil is absolutely necessary. The ground should be deeply plowed or spaded, thoroughly pul-

verized and raked. All sticks, stones and shrubbery should be removed. Sow seed at the rate of one pound to three hundred square feet.

TO RENEW OLD LAWNS seed should be sown on all bare spots, after which the lawn should be raked. If your grass is not thick enough, stir the soil with a sharp rake and sow more seed. **Price—Lb. 45c; 5 lbs. \$2.25; 10 lbs. 40c per lb.; 50 lbs. or over, 35c per lb.**

Balderson's Washington Shady Lawn Grass

To secure a satisfactory lawn in shady places, use our Washington Shady Lawn Seed. It will produce a luxuriant growth of green grass under trees. The grasses which we use in this mixture are those especially adapted for growing in shady places, it never fails.

Price—Lb. 50c; 5 lbs. \$2.50; 10 lbs. \$4.50; 30 lbs and over 40c per lb.

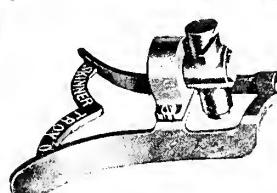
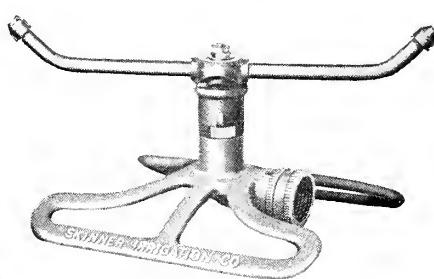
THE "LAWN MIST" SPRINKLER

The nozzles break up the water into a cloud of fine mist just as soon as it leaves the pipe. It is the finest spray that can be successfully used outdoors. With it you can water newly seeded lawns or the most delicate plants. Is 9½ feet long and has four spray clusters of three nozzles each.

Price \$12.00



**Mor-Rain
Sprinkler
\$3.00**



**Tu-Way
Sprinkler, \$1.25**

ORDER SHEET for Balderson Company, Inc., Seeds, Bulbs, Plants, Etc.

BALDERSON COMPANY, Inc.

610 Pennsylvania Ave., N. W.

Washington, D. C.

Send by _____ **Date** _____ **1929**
State if wanted by Parcel Post, Express, Freight or Steamer.

To (Name) _____
Mr., Mrs., or Miss; write name very plainly.
P. O. Box, Street
or Rural Delivery
Post Office

County _____ **State** _____

Station or Express Office
(Only if different from P. O.)

VERY IMPORTANT. Write your name very plainly and give your Post Office, County and State in full every time.

BALDERSON COMPANY, INC., gives no warranty, express or implied, as to quality, description, productiveness, or any other matter, of any seeds, bulbs, or plants it sells, and will not be responsible for the crops.

Money Enclosed.	Amount.
Bills or Silver..... (Register the letter)	
Draft or Check....	
Ex. Money Order..	
Post Office Order..	
Postage Stamps...	
Total.....	
RECORDED	
and entered for following Catalogues:	
<hr/>	

Please do not ask questions on this order sheet, but write them, and all communications requiring an answer on a separate sheet and enclose with order, to insure a more speedy reply.

SEE OTHER SIDE.

Please write below the names and addresses of a few of your friends who are interested in and buyers of seeds

Please Do Not Write In This Space

Route Shipped by _____ Date Shipped _____ 1929

In _____ Pkgs., _____ Bundles, _____ Boxes, _____ Crates, _____ Baskets, _____ Bbls., _____ Bags

Laid out by _____, Checked by _____, Reply required by _____

GREETINGS for the YEAR 1929

IT IS again our pleasure and privilege to mail you our annual catalogue. We are sure that you will find the information given therein helpful and profitable.

We desire to express to you our keen appreciation of your patronage during the past year. We feel certain that our seeds and our service have given entire satisfaction. The growth and expansion of our business have given us better opportunities for serving old friends and making new ones. We have the stocks, the organization and the facilities, and besides this we have the earnest spirit of co-operation which makes this your logical place of supply.

Balderson Company, Inc., will continue to be conducted under the supervision of Mr. Russell Balderson President and General Manager, who has had many years of experience in the seed and implement business, aided by able and experienced assistants.

Our business is constantly increasing because we confine our seed stocks strictly to the successful varieties of vegetables and flowers grown by men who have given their lives to the seed business and who stake their reputations on the quality of their products.

Our lines of farm, garden, and lawn equipment are made by the foremost manufacturers in America, and sold with an absolute guarantee to do perfectly the work claimed for them.

We want you to consult us without cost or obligation. We are deeply interested in the problems of the gardener and the farmer, and are willing and anxious at all times to give any information within our power. Many of our customers have found true economy in inviting our counsel and co-operation. We want you to use our correspondence department freely.

Cordially yours,

Russell Balderson
Balderson Co.

BALDERSON COMPANY, INC.,

Washington, D. C.

Our Motto: Prompt Service, Courteous Treatment, High-Grade Goods.

IMPORTANT NOTES AND SUGGESTIONS

How to Send Money. Remittances may be sent us either in the form of money order, bank check, or draft, or registered letter. Postage stamps will be accepted for small amounts.

We make no charge for delivery or drayage of goods to any railroad station, steamship line, or express office. All quotations are f. o. b. Washington, D. C. Cotton sacks to hold seeds are charged for at current values.

We deliver free to any postoffice, all vegetable and flower seeds in packets, ounces, one-fourth pounds, one-half pounds, pints and quarts. Purchasers must pay charges on pecks and bushels, and on all agricultural tools and fertilizers.

We cannot ship perishable goods c. o. d. Remittance must accompany order, nor can we make freight shipment c. o. d. to points where there is no bank.

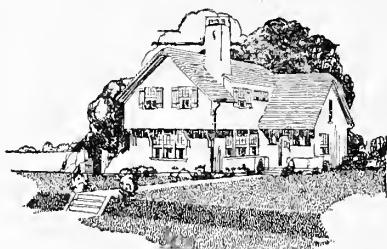
Errors. Our firm with its success and reputation at stake will not permit an error to stand uncorrected, and while we exercise the greatest care to prevent errors, human hands and

minds are not infallible, and mails, railroads, and steamships sometimes miscarry, but the complete satisfaction of our customer is our first wish, and we are more anxious to correct errors than you could be to have us do so.

About warranting seeds. We exercise the greatest care in growing, buying, examining and testing our seeds, and our customers can rest assured that all seeds purchased from us have been thoroughly and perfectly tested, and under favorable conditions and proper cultivation will produce good crops, yet no seedsman can or ever does in good faith, assume any responsibility for crops grown from seeds supplied by them, there being too many causes known, and unknown to prevent this. Therefore, in common with all reputable seed houses we sell all seeds subject to the following disclaimer:

"**Balderson Company, Inc.**, while exercising the greatest care to have all seeds pure and reliable, sell no seeds with warranty express or implied as to description, quality, productiveness, or any other matter of any seeds, bulbs or plants they send out, and will not be in any way responsible for the crop."

DISCOVERED



by a million small
home owners

—The big-estate method of assuring success
with lawns, flowers, gardens, shrubs, trees.

There is no secret in having a velvety lawn, colorful flowers, crisp, succulent vegetables, luxuriant shrubbery, and stately trees. You can enjoy these beauties of nature, if you use good seed, plants, bulbs, and the right plantfood.

VIGORO, a plantfood specially and scientifically prepared by experts adds BEAUTY and VIGOR to all plant life.

Thousands of home owners have come to rely on VIGORO as the economical, practical, and effective way to secure finest results.

ECONOMICAL—because the cost is only 10c to 20c for every 100 square feet.

PRACTICAL—because it is clean, odorless, easy to apply—can be sown by hand like grass seed, or applied with an ordinary kitchen colander.

EFFECTIVE—because it contains all of the elements of plantfood required to produce early, vigorous growth and bring fruit, flowers and foliage, to full development. COMPLETE DIRECTIONS IN EVERY BAG.

Endorsed by Leading Landscape Gardeners and Nurserymen.



VIGORO
Specially prepared plant food

100-lb. bag	\$5.00	25-lb. bag	\$1.75
50-lb. bag	3.00	5-lb. pkg.	.50



A Swift & Company Product

Parcel Post Rates and Information

POUNDS	First and Second Zone 50 to 150 Miles	Third Zone 150 to 300 Miles	Fourth Zone 300 to 600 Miles	Fifth Zone 600 to 1,000 Miles	Sixth Zone 1,000 to 1,400 Miles	Seventh Zone 1,400 to 1,800 Miles	Eighth Zone All over 1,800 Miles
1	\$.07	\$.08	\$.09	\$.10	\$.11	\$.13	\$.14
2	.08	.10	.13	.16	.19	.23	.26
3	.09	.12	.17	.22	.27	.33	.38
4	.10	.14	.21	.28	.35	.43	.50
5	.11	.16	.25	.34	.43	.53	.62
6	.12	.18	.29	.40	.51	.63	.74
7	.13	.20	.33	.46	.59	.73	.86
8	.14	.22	.37	.52	.67	.83	.98
9	.15	.24	.41	.58	.75	.93	1.10
10	.16	.26	.45	.64	.83	1.03	1.22
11	.17	.28	.49	.70	.91	1.13	1.34
12	.18	.30	.53	.76	.99	1.23	1.46
13	.19	.32	.57	.82	1.07	1.33	1.58
14	.20	.34	.61	.88	1.15	1.43	1.70
15	.21	.36	.65	.94	1.23	1.53	1.82
16	.22	.38	.69	1.00	1.31	1.63	1.94
17	.23	.40	.73	1.06	1.39	1.73	2.06
18	.24	.42	.77	1.12	1.47	1.83	2.18
19	.25	.44	.81	1.18	1.55	1.93	2.30
20	.26	.46	.85	1.24	1.63	2.03	2.42
21	.27	.48	.89	1.30	1.71	2.13	2.54
22	.28	.50	.93	1.36	1.79	2.23	2.66
23	.29	.52	.97	1.42	1.87	2.33	2.78
24	.30	.54	1.01	1.48	1.95	2.43	2.90
25	.31	.56	1.05	1.54	2.03	2.53	3.02
26	.32	.58	1.09	1.60	2.11	2.63	3.14
27	.33	.60	1.13	1.66	2.19	2.73	3.26
28	.34	.62	1.17	1.72	2.27	2.83	3.38
29	.35	.64	1.21	1.78	2.35	2.93	3.50
30	.36	.66	1.25	1.84	2.43	3.03	3.62
31	.37	.68	1.29	1.90	2.51	3.13	3.74
32	.38	.70	1.33	1.96	2.59	3.23	3.86
33	.39	.72	1.37	2.02	2.67	3.33	3.98
34	.40	.74	1.41	2.08	2.75	3.43	4.10
35	.41	.76	1.45	2.14	2.83	3.53	4.22
36	.42	.78	1.49	2.20	2.91	3.63	4.34
37	.43	.80	1.53	2.26	2.99	3.73	4.46
38	.44	.82	1.57	2.32	3.07	3.83	4.58
39	.45	.84	1.61	2.38	3.15	2.93	4.70
40	.46	.86	1.65	2.44	3.23	4.03	4.82
41	.47	.88	1.69	2.50	3.31	4.13	4.94
42	.48	.90	1.73	2.56	3.39	4.23	5.06
43	.49	.92	1.77	2.62	3.47	4.33	5.18
44	.50	.94	1.81	2.68	3.55	4.43	5.30
45	.51	.96	1.85	2.74	3.63	4.53	5.42
46	.52	.98	1.89	2.80	3.71	4.63	5.54
47	.53	1.00	1.93	2.86	3.79	4.73	5.66
48	.54	1.02	1.97	2.92	3.87	4.83	5.78
49	.55	1.04	2.01	2.98	3.95	4.93	5.90
50	.56	1.06	2.05	3.05	4.03	5.03	6.03
51	.57	1.08					
52	.58						
53	.59						
54	.60						
55	.61						
56	.62						
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62	.68						
63	.69						
64	.70						
65	.71						
66	.72						
67	.73						
68	.74						
69	.75						
70	.76						

If you wish your Parcel Post package insured, please so state on your order, remitting extra for this at the rate of 5 cts. for each \$10.00 value or less.

Don't forget to include in your seed order
some of
BALDERSON'S SPECIALS
that are listed on pages 5 and 6.

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Balderson's Specials will be found on pages 5 and 6.

PLANTING, MATURITY AND WEIGHT TABLE

THIS CAREFULLY PREPARED TABLE ANSWERS HUNDREDS OF QUESTIONS MOST GARDENERS AND FARMERS WANT TO KNOW.

This is for field planting, and where plants and roots are stated, it is necessary to have them ready beforehand. The third column indicates the distance that the plant should stand in the rows, and where seed is sown they should be thinned out to this distance. The fifth column indicates maturity from the time plants are planted in the field, or seeds are sown in the field. Also note that the last column is the approximate weight of seeds and not products. Time of planting and maturity is for latitude of Washington, therefore allowances should accordingly be made for more Northern or Southern climates.

VARIETY	Time to Sow or Plant.	Quantity to Sow or Plant per Acre.	Distance Apart in Rows	Distance Between Rows.	Ready for Use	No. of Lbs. of Seed Per Bu.
Alfalfa.....	Feb., Mch. & Aug. to Oct. 15th.	30 lbs.	Broadcast.	Broadcast.	May of next year.	60 lbs.
Artichokes—Tubers.....	Mch. and Apr.	6 to 8 bus.	18 inches.	3 feet.	October.	50 lbs.
Asparagus—Seed.....	Mch. and Apr.	8 to 10 lbs.	4 inches.	18 inches.	3 years.	60 lbs.
Asparagus—Roots.....	Feb., Mch., Nov.	4,000 to 7,000.	12 to 15 inches.	6 to 8 feet.	2 years.	.....
Beans—Dwarf Snap.....	Apr. to Sept.	50 lbs.	3 to 4 inches.	2½ to 3 feet.	8 weeks.	60 lbs.
Beans—Dwarf Lima.....	May, June, July.	20 lbs.	18 ins. to 2 ft.	3 feet.	10 weeks.	60 lbs.
Beans—Pole.....	May and June.	15 lbs.	3 feet.	4 feet.	12 weeks.	60 lbs.
Beans—Navy.....	June and July.	20 lbs.	12 inches.	2½ to 3 feet.	Oct. October.	60 lbs.
Beans—Soja (In drills).....	May and June.	30 lbs.	6 to 12 inches.	3 feet.	September.	60 lbs.
Beans—Soja.....	May and June.	75 to 90 lbs.	Broadcast.	Broadcast.	September.	60 lbs.
Beans—Velvet.....	May.	50 lbs.	Broadcast.	Broadcast.	Sept. and Oct.	60 lbs.
Beans—Velvet Drill.....	May.	50 lbs.	Broadcast.	Broadcast.	Sept. and Oct.	60 lbs.
Barley.....	Aug. to Nov.	50 to 75 lbs.	4 inches.	Broadcast.	June.	2 months
Beets—Table.....	Feb. to Aug.	6 to 8 lbs.	12 inches.	2 feet.	Oct. October.	.....
Beets—Stock.....	Apr., May, June.	5 to 6 lbs.	6 inches.	2½ to 3 feet.	Oct. October.	48 lbs.
Buckwheat.....	June to Aug. 15th.	50 lbs.	Broadcast.	Broadcast.	Oct. October.	48 lbs.
Cabbage Seed—(Early).....	Feb., Mch., Apr. and Sept.	8 ounces.	Broadcast.	Broadcast.	May, June, July	.....
Cabbage Seed—(Late).....	May, June, July.	6 ounces.	Broadcast.	Broadcast.	Oct. and Nov.	.....
Cabbage Plants—(Early).....	Mch., Apr., Nov.	8,000 to 10,000.	18 inches.	3 feet.	May, June, July.	.....
Cabbage Plants—(Late).....	July and Aug..	6,000 to 8,000.	2 to 3 feet.	3 to 3½ feet.	Oct. and Nov.	.....
Carrot.....	Mch. to June.	3 to 4 lbs.	3 to 4 inches.	2 feet.	60 days.	.....
Celery—Seed.....	Feb. and Mch.	3 lbs.	2 to 4 inches.	1½ to 2 feet.	November.	.....
Celery—Plants.....	July and Aug.	15,000 to 25,000.	6 to 12 inches.	4 feet.	November.	.....
Clover—Red and Mammoth.....	Feb., Mch., & July to Nov. 1st.	12 lbs.	Broadcast.	Broadcast.	June to next year.	60 lbs.
Clover—Alsike.....	Feb., Mch., & July to Nov. 1st.	10 lbs.	Broadcast.	Broadcast.	June to next year.	60 lbs.
Clover—Crimson.....	July to Nov.	20 lbs.	Broadcast.	Broadcast.	May to next year.	60 lbs.
Clover—Sweet.....	Mch. and Apl.	15 to 20 lbs.	Broadcast.	Broadcast.	May.	60 lbs.
Corn—Garden.....	Aug. and Sept.	10 to 12 lbs.	12 to 18 inches.	3 to 3½ feet.	2 to 3 months.	60 lbs.
Corn—Field (drill).....	Apr. to July 10th.	12 to 14 lbs.	2 to 18 inches.	3½ to 4 feet.	4 months.	44 to 56 lbs.
Corn—Field (checkered).....	Apr. to July 1st.	10 to 12 lbs.	3½ to 4 feet.	3½ to 4 feet.	3 to 4 months.	56 lbs.
Cucumber.....	Apr. to July.	2 to 3 lbs.	2 feet.	4 to 5 feet.	2 months.	40 lbs.
Egg Plant—Seed.....	Feb. and Mch.	6 ounces.	Broadcast.	Broadcast.	3 to 4 months.	.....
Egg Plant.....	May and June.	5,000 to 6,000.	3 feet.	3 feet.	60 days.	.....
Grass Seed—(Light).....	Feb. to Apr. 10th.	30 lbs.	Broadcast.	Broadcast.	June of next year.	14 lbs.
Grass Seed—(Timothy).....	*Feb. and March.	15 lbs.	Broadcast.	Broadcast.	July to next year.	45 lbs.
Grass Seed—(Lawn).....	*Feb. and Mch.	60 to 8 lbs.	Broadcast.	Broadcast.	8 to 10 weeks.	20 lbs.
Kale—Spring.....	*Feb. to May 1st.	8 to 10 lbs.	Broadcast.	Broadcast.	4 to 6 weeks.	.....
Kale—Winter.....	Aug. to Nov.	3 to 4 lbs.	Broadcast.	Broadcast.	November.	.....
Lettuce—Seed.....	Feb. to May.	2 lbs.	Broadcast.	Broadcast.	2 to 3 months.	.....
Lettuce—Plants.....	Feb. to June and Aug. to Nov.	20,000 to 40,000.	8 to 12 inches.	18 to 24 inches.	2 months	.....
Muskmecon or Cantaloupe.....	May and June.	2 lbs.	4 to 6 feet.	2 to 6 ft.	2 to 3 months.	.....
Melon—Water.....	May and June.	2 lbs.	8 to 10 feet.	8 to 10 feet.	3 months.	.....
Millet—German.....	May to Aug. 1st.	50 to 75 lbs.	Broadcast.	Broadcast.	60 days.	50 lbs.
Oats—Spring.....	Mch. and Apr.	50 to 65 lbs.	Broadcast.	Broadcast.	Last half of June.	32 lbs.
Oats—Winter.....	Aug., Sept., Oct.	65 lbs.	Broadcast.	Broadcast.	June 20 to July 1.	32 lbs.
Okra.....	Apr. and May.	8 to 10 lbs.	8 to 10 inches.	2½ to 3 feet.	60 days.	.....
Onions—For large bulbs.....	Mch. and Apr.	4 to 5 lbs.	3 inches	15 to 24 inches	July and Aug.	.....
Onions—For sets.....	Mch. and Apr.	30 to 40 lbs.	.....	12 to 18 inches.	July and Aug.	.....
Onion—Sets.....	Feb. to May and Sept. and Oct.	175 to 200 lbs.	4 inches.	18 to 24 inches.	May and June.	32 lbs.
Parsnips.....	Mch. and Apr	5 to 7 lbs.	4 inches.	1½ to 2 feet.	October.	.....
Peanuts.....	May and June	25 to 35 lbs.	15 to 18 inches.	3 feet.	November.	22 lbs.
Peas—Garden Smooth.....	Feb. to May.	100 lbs.	2 to 4 inches.	3 feet.	8 weeks.	60 lbs.
Peas—Garden Wrinkled.....	Mch. to May.	100 lbs.	2 to 4 inches.	3 feet.	8 to 10 weeks.	56 lbs.
Peas—Canada Field.....	Feb. to May and in November.	100 lbs.	Broadcast.	Broadcast.	.....	.....
Peas—Cow.....	May to Aug. 1st	90 lbs.	Broadcast.	Broadcast.	June.	60 lbs.
Pepper—Seed.....	Feb. and Mch.	8 ounces.	Broadcast.	Broadcast.	3 months.	60 lbs.
Pepper—Plants.....	May and June.	10,000 to 14,000.	18 inches.	30 inches.	July and Aug.	.....
Potatoes Irish—Early.....	Mch. and Apr.	8 to 12 bushel.	15 to 18 inches.	2½ to 3 feet.	July and Aug.	60 lbs.
Potatoes—Irish, Late.....	June and July.	8 to 12 bushels.	15 to 18 inches.	2½ to 3 feet.	June and July.	60 lbs.
Potatoes—Sweet, Plants.....	May 10, June 15	7,000 to 8,000.	18 to 24 inches.	3 feet.	Oct. to Nov.	60 lbs.
Pumpkin.....	May and June.	2 lbs.	8 to 10 feet.	8 to 10 feet.	September.	.....
Radish.....	Feb. to May and Aug. and Sept.	20 lbs.	Broadcast.	Broadcast.	October.	.....
Rape.....	Feb. to Oct.	10 to 12 lbs.	Broadcast.	Broadcast.	24 to 40 days.	.....
Rye.....	Aug. to Dec.	60 to 80 lbs.	Broadcast.	Broadcast.	6 to 8 weeks.	56 lbs.
Salsify.....	Mch. to May 10th.	6 to 8 lbs.	3 to 4 inches.	1½ to 2 feet.	June.	56 lbs.
Sorghum—For Fodder.....	May and June.	75 to 100 lbs.	Broadcast.	Broadcast.	October.	.....
Sorghum—(In drills)	May and June.	20 lbs.	4 to 6 inches.	3 feet.	Sept. and Oct.	50 lbs.
Spinach—In drills).....	Feb., Mch., Apr. & Aug. to Nov.	20 lbs.	2 inches.	15 to 18 inches.	November.	50 lbs.
Spinach—(Broadcast).....	Feb., Mch., Apr. & Aug. to Nov.	40 lbs.	Broadcast.	Broadcast.	60 days.	.....
Squash.....	Apr., May, June.	3 lbs.	4 feet.	4 feet.	July	.....
Tenosinte.....	May and June.	4 to 5 lbs.	8 to 10 inches.	3 to 3½ feet.	Aug. to Oct.	.....
Tobacco—Plants.....	May and June.	4,000 to 5,000.	2 to 3 feet.	3 to 4 feet.	Sept. to Oct.	.....
Tomato—Seed.....	Feb. to June.	6 ounces.	Broadcast.	Broadcast.	June 20 until frost.	.....
Tomato—Plants.....	May to July.	2,800 to 4,000.	3 to 4 feet.	4 feet.....	June 20 until frost.	.....
Turnip.....	July 1 to Sept. 15.	1 to 1½ lbs.	4 inches.	2 feet.	1½ to 2 months.	.....
Turnip—(Broadcast).....	July 1 to Sept. 15.	2 lbs.	Broadcast.	Broadcast.	1½ to 2 months.	.....
Vetch—Winter.....	Aug. to Nov.	50 lbs.	Broadcast.	Broadcast.	May of next year.	50 lbs.
Wheat.....	Sept. to Nov. 15	75 to 100 lbs.	Broadcast.	Broadcast.	June 20.	60 lbs.

Balderson's High Grade Specialties

KNOWN FOR THEIR SUPERIOR QUALITY AND ABUNDANT YIELD



Balderson's Improved Bush Lima Beans.

peas; late. Height, 4 ft. One of the most popular sorts for the main crop. Pkt. 10 cts.; pt. 25 cts.; qt. 50 cts.; pk. \$3.00; bu. \$10.50.

BALDERSO N'S EARLY WHITE-TIPPED FORCING RADISH.—This Radish is extremely popular, both for gardeners and private use. The outer skin is of bright crimson color with white tip; making a nice turnip-shaped, clean root. On account of its small top it is largely used for forcing and very satisfactory for early use outdoors. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.00.



Balderson's Knight Cantaloupe.

BALDERSO N'S GIANT STRINGLESS BEANS.

—About 62 days to marketable condition. Color of seed, yellow. Long, cylindrical. Height of vine, 13 to 15 inches. Foliage resembles Full Measure. Not so early by 2 or 3 days as the older Stringless. Pods similar to Stringless, but slightly longer and straighter. A more showy pod, about 6 inches long, containing 6 to 7 beans to the pod. Pkt. 10 cts.; pt. 40 cts.; qt. 75 cts.; pk. \$3.75; bu. \$14.00.

BALDERSO N'S IMP'D BUSH LIMA BEAN.

—About 76 days to edible condition. Height of vine, 16 to 20 inches. Seed thick but not like Fordhook. White tinged with green. Very broad, dark foliage. Sturdy and 10 days earlier than any large-podded pole lima. Pods 4 to 5 inches long, medium green and averaging 3 to 4 rather flat beans to the pod. Very productive, vigorous plant. Popular with the market gardeners. Pkt. 10 cts.; pt. 40 cts.; qt. 75 cts.; pk. \$4.50; bu. \$16.00.

BALDERSO N'S EARLY WHITE BUSH SQUASH.

Early, cream color, very prolific; nice size; good shipper; the most popular variety. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.25.

BALDERSO N'S TELEPHONE PEAS.

—Productive, sugary; pods contain 6 to 7

beans to the pod. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.00.

BALDERSO N'S DELICIOUS WAX BEAN.—Podded Bean, identical to the Burpee's Stringless Green Pod in every respect, except the pod is wax instead of green. The dry seed cannot be told from the dry seed of the Stringless Green Pod. This pod is about six inches long, averaging five to six beans in the pod. Pod large, curved, double-barreled, meaty, absolutely stringless. We consider that this Bean should take the place of Round Podded Kidney Wax, as it is very much hardier, slightly earlier, just as good a pod. We cannot recommend too highly this Bean to those who like a wax pod bean instead of a green one, or who would like a wox pod like the Green Podded Burpee Stringless. Pkt. 40 ct., qt. 75 cts.; pk. \$4.50; bu. \$16.00.

BALDERSO N'S IMPROVED EARLY BLOOD TURNIP BEET.—Dark red, smooth; uniform; a good variety for home use. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.00.

BALDERSO N'S EARLY WONDER BEET.—45 days. This is one of the earliest of the small table beets for outside culture. It has small leaves, is flat to globe in shape. Bright red skin. Vermilion red flesh with distinct zones of a lighter red. It is of excellent quality, being sweet, tender and free from fibrous roots, an Improved Crosby Pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 40c.; lb. \$1.25.

BALDERSO N'S KNIGHT CANTALOUE.—About a week earlier than the Rocky Ford, but larger, is of uniform size; has thick, green flesh, of splendid flavor and appearance. A favorite market variety. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 50 cts.; lb. \$1.50.

BALDERSO N'S GOLDEN ACRE CABBAGE.—Here we have an eye opener, for seed of this variety planted at the same time will mature one week earlier than Early Jersey Wakefield, besides being larger and much more showy. By actual count 96 of 100 plants produced fine heads, each of which ripened at one time; an almost unbelievable condition. It is conical round in shape, short stem and almost rests on the ground. Pkt. 10c.; oz. 50 cts.; $\frac{1}{4}$ lb. \$1.75; lb. \$6.00.

BALDERSO N'S COPENHAGEN MARKET CABBAGE.—A very early large flat-head Cabbage, maturing with the Charleston Wakefield. On account of its earliness, combined with its large size, it has become a favorite market Cabbage. Pkt. 10 cts.; oz. 30 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

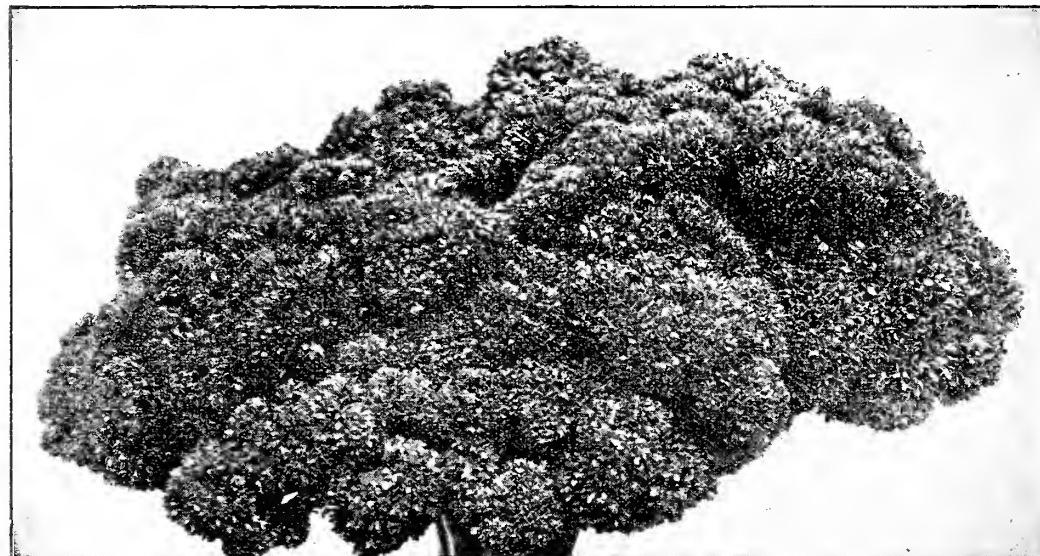
BALDERSO N'S PREMIUM LATE FLAT DUTCH CABBAGE.—One of the most popular winter Cabbages. Has large, solid, flat heads. Pkt. 10 cts.; oz. 30 cts.; $\frac{1}{4}$ lb. 90 cts.; lb. \$2.75.

BALDERSO N'S MONEY-MAKER CORN.—About 100 days to edible condition. Rather late, consequently demands early planting. Best Sugar Corn in existence. Best ever introduced. Grains set close, averaging 8 to 12 row to the ear. Grains large, broad and shallow. Cobs long and thin; that is, less than half the diameter of cobs of other sorts of Sugar Corn. Produces never less than two attractive ears to the stalk, generally three, sometimes four and therefore well named. The stalks are unusually thick, stocky, and very stiff, consequently, are never blown over by heavy winds. The plant is strong in foliage, very close-jointed, and rises to the height of 6 to $6\frac{1}{2}$ feet. Pkt. 10 cts.; pt. 45 cts.; qt. 80 cts.; pk. \$4.00; bu. \$15.00.

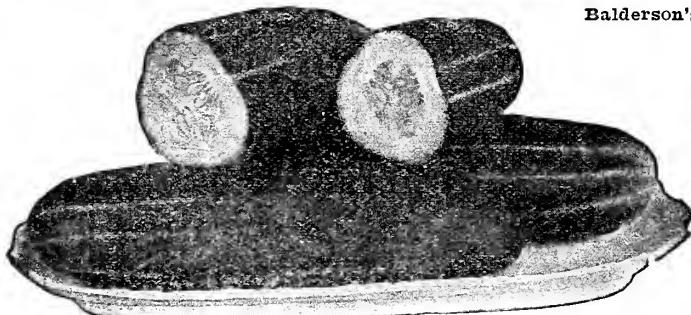


Balderson's Copenhagen Market Cabbage.

Balderson's High Grade Specialties

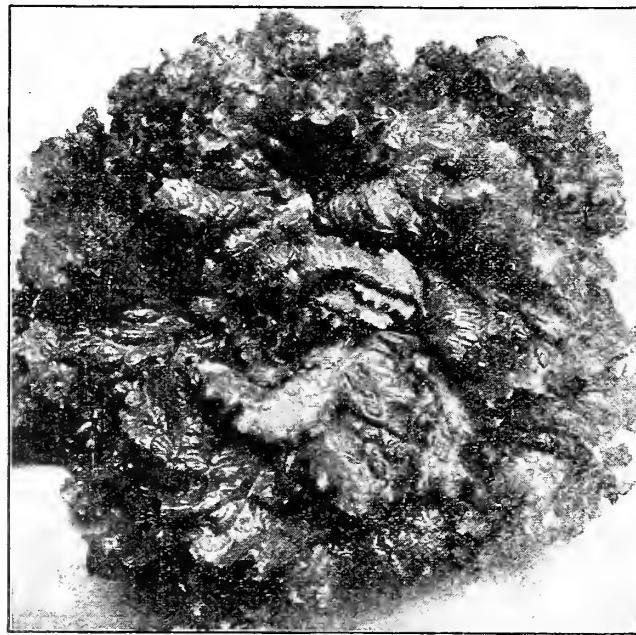


Balderson's Bloomsdale Kale.

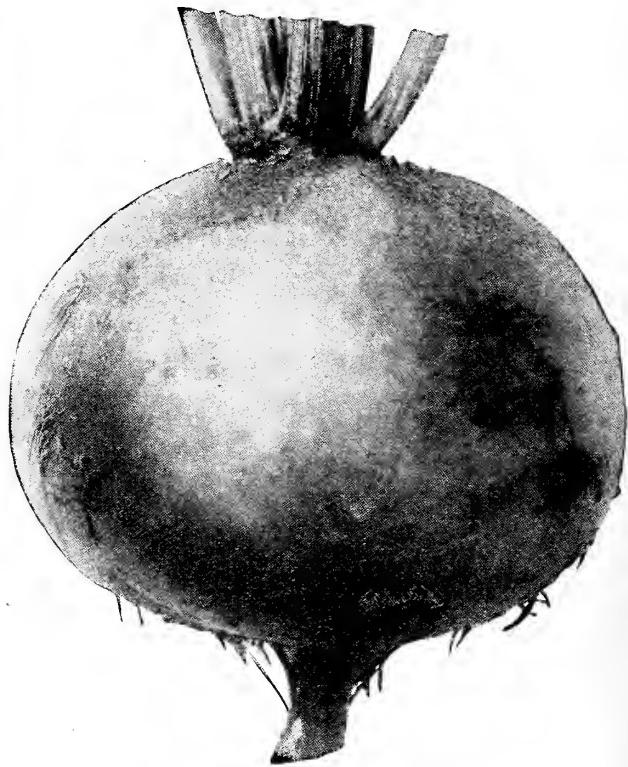


Balderson's Early Fortune Cucumber.

BALDERSO N'S EARLY FORTUNE CUCUMBER.—An Extra-early Cucumber of the White Spine type. A beautiful green straight variety, especially recommended for early market. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.25.



Balderson's Iceburg Lettuce.

Balderson's Early Wonder Beet.
See page 5 for description.

BALDERSO N'S ICEBERG LETTUCE.—Exceedingly crisp and tender, known as "Crisp Leaved." Heads of conical-shape and medium size. Heads tightly fold and blanch to a beautiful white. Outer leaves are crinkled and light green, growing closely up around the head. Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 50 cts.; lb. \$1.75.

BALDERSO N'S MARGLOBE TOMATO.—A medium early variety, smooth as an apple, beautiful as a peach, no depression at either end—no cracks, fruit about $2\frac{1}{2}$ to 3 inches long, shape of an egg—a beautiful red color, vine free from rust and other diseases, a leading market sort. Pkt. 15 cts.; oz. 65 cts.; $\frac{1}{4}$ lb. \$2.50; lb. \$8.00.

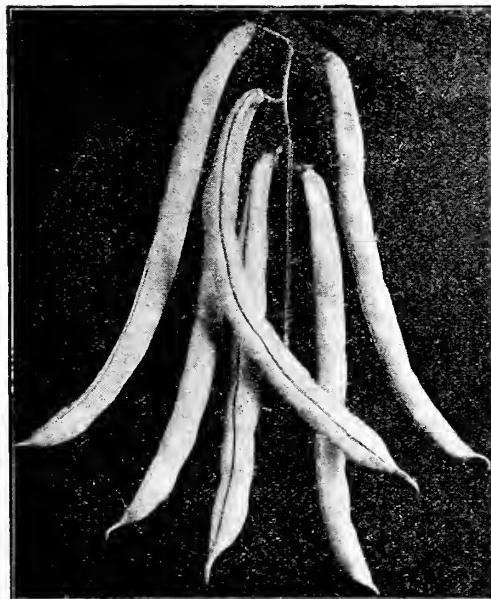
SATISFIED CUSTOMERS IS THE REASON FOR OUR SALES INCREASING.

BALDERSO N'S BLOOMSDALE KALE—50 Days.—Similar, but far better than Dwarf Curled Scotch, because very curly, broader spreading and denser in foliage, darker in color, so short in stem as to rest directly on the ground. Plants broader than a bushel basket and seeming to hug the earth. More hardy than Dwarf Curled Scotch, passing unharmed through the severest winter as far north as Philadelphia. 9 inches high. Why continue to sow or grow the Yellow Green Curled Scotch Kale or the Blue Green Flat-leaved Dwarf German Kale? Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. \$2.50.

BALDERSO N'S WHITE EVERGREEN CORN.—This is a high-bred pure-white type of the ever-popular Stowell's Evergreen. When in the green state both cob and kernel are white as snow. Deep grains; remains tender a long time, which makes it an excellent table and canning variety. One of the best sorts for private gardeners. Pkt. 10 cts.; pt. 20 cts.; qt. 35 cts.; pk. \$2.00; bu. \$7.00.



**Palmetto
Asparagus.**



Improved Red Valentine

ASPARAGUS

CULTURE.—When it is desired to grow Asparagus from seed it should be sowed outside in March or April as soon as the spring weather opens. Sow from 1 to 2 ozs. of seed to 100 feet of row, and thin plants to 6 inches apart in the row. When it is up give frequent cultivations until the plants are one year old, when they should be transplanted to permanent beds. Turn a double furrow, leaving a trench 8 to 10 inches deep; fill trench one-half full of good barn manure and cover with good loam soil, then set the roots 16 to 18 inches apart in rows 3 feet apart and cover 3 inches with loam. When the shoots break through the ground cover again with a liberal quantity of manure, and gradually fill in with earth and manure until level with the surface. Cultivate well throughout the summer and keep down all weeds. When the tops die in November cut off and apply more manure. Continue applying manure yearly, and use your best soil, as you cannot get it too rich, or can you use too much manure on Asparagus. Cut it lightly until second year; after that cut freely. One hundred roots will supply a family of four.

PALMETTO.—This is the standard Asparagus and decidedly the most popular and best variety grown, both for market and home gardens. It is adapted to all sections where Asparagus can be raised. It grows to a large size and is very productive. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75.

WASHINGTON.—The finest of all varieties; nearly rust free and very vigorous. Pkt. 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. \$2.00.

ASPARAGUS KNIVES.—Very handy and useful for cutting Asparagus. Each 40 cts. (postpaid, 45 cts.).

Asparagus Roots

The two-year-old roots usually produce two years after planting. **Two-Year-Old Roots.**

PALMETTO.—Green stalks. Doz. 30 cts.; per 100 \$1.25; per 1,000 \$10.00.

WASHINGTON.—Dark green stalks. Doz. 50 cts.; per 100 \$1.75; per 1,000 \$12.00.

BUSH SNAP BEANS

CULTURE.—These can be planted any time from April 1st (or after danger of late frost is past) to September 1st. They thrive best in good light, loamy soil, as they have a tendency to rust if planted in stiff or heavy soil. Plant in rows 2 $\frac{1}{2}$ to 3 feet apart and 3 to 4 inches apart in the rows. Cover 1 $\frac{1}{2}$ inches deep. Give only light cultivation after plants are 6 inches high. About 2 pounds is required to plant 100 feet of row, and from 30 to 60 pounds to the acre.



Green-Podded Varieties

BURPEE'S STRINGLESS GREEN POD.

This is absolutely a stringless bean, and this quality alone puts it ahead of most table beans. The pods break as short and as free as pipe stems. It is also extra-early and of splendid table qualities. One of the best sorts for market gardeners and home use. Pkt. 10 cts.; pt. 40 cts.; qt. 75 cts.; pk. \$3.75; bu. \$14.00.

IMPROVED RED VALENTINE

This is an old favorite and one of the most popular beans grown in this section for market gardeners and family use. They are ready to pick seven weeks after planting. The pods are round, thick and fleshy, of good quality and flavor. Pkt. 10 cts.; pt. 40 cts.; qt. 75 cts.; pk. \$3.50; bu. \$12.00.

BALDERSON'S GIANT STRING-LESS BEANS.—See High Grade Specialties, page 5.

Snap Beans—Continued



Bountiful.

DWARF HORTICULTURAL.—About 54 days to marketable condition. Color of seed resembles Pole Horticultural. Height of vine, 14 inches. Pods flat, almost straight, dashed with red. About 5 inches long, averaging 5 beans to the pod. Absolutely stringless. Large yellowish green leaves. Used also as a shell bean. Pkt. 10 cts.; pt. 40 cts.; qt. 75 cts.; pk. \$4.00; bu. \$15.00.

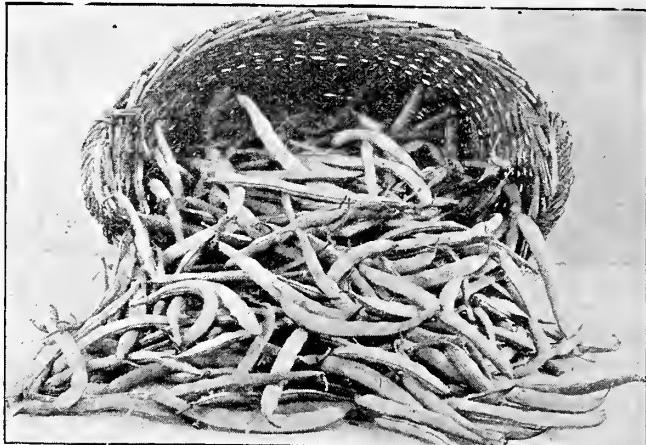
REFUGEE, or ONE THOUSAND TO ONE.—Pods are perfectly round and straight; is very hardy and an immense yielder, but is especially recommended for late planting. Pkt. 10 cts.; pt. 30 cts.; qt. 60 cts.; pk. \$3.50; bu. \$12.00.



Hodson Wax.

BLACK VALENTINE.—An extra early variety, harder and a week earlier than the Red Valentine. It is black-seeded with round pods, very prolific. Pkt. 10 cts.; pt. 40 cts.; qt. 75 cts.; pk. \$3.75; bu. \$14.00.

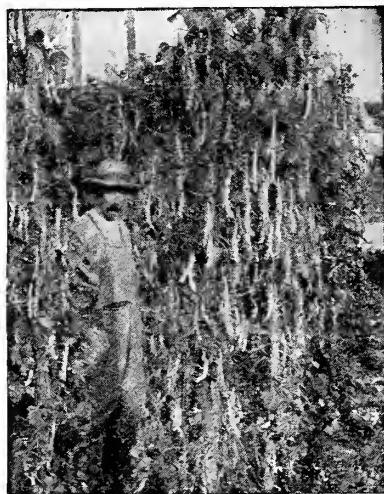
BOUNTIFUL. This is one of the first early varieties and continues in bearing through a longer season than most other sorts. The pods are deep green, extra long, thick and meaty, with very few strings. Is a hardy bean and if left to ripen, makes a good dry shell bean for winter use. Pkt. 10 cts.; pt. 50 cts.; qt. 80 cts.; pk. \$4.50; bu. \$17.00.



Pencil Pod Black Wax.

CURRIE'S RUSTPROOF WAX.—About 52 days to maturity. Height of vine, 15 inches. Color of seed purplish black. Pods similar in shape to Golden Wax, only longer. Pods light yellow, stringy, flat, almost straight, about 6 inches long. Pkt. 10 cts.; pt. 40 cts.; qt. 75 cts.; pk. \$3.50; bu. \$13.00.

HODSON WAX.—About 72 days to maturity. Seed long, uniform in shape. Color purple, red splashed with buff. Height of vine, 20 to 22 inches. Purple blossoms. Very late, of sprawling habit. Foliage somewhat resembles Refugees. Pods about 7 inches long, slightly curved, creamy white, containing 6 to 7 beans. Very little meat and as they grow older get extremely stringy. Crisp, tender and very handsome when young. Used extensively by market gardeners in the South. Pkt. 10 cts.; pt. 45 cts.; qt. 80 cts.; pk. \$4.25; bu. \$17.00.



Old Homestead or Kentucky Wonder.

most popular Pole Snap Bean. Pkt. 10 cts.; pt. 40 cts.; qt. 75 cts.; pk. \$3.50; bu. \$13.00.

HORTICULTURAL POLE, LONDON OR SPECKLED CRANBERRY.—About 75 days to maturity. Color of beans, flesh-colored splashed or spotted with red. Pods after they pass marketable condition show a brilliant carmine and are very attractive. Pkt. 10 cts.; pt. 30 cts.; qt. 60 cts.; pk. \$3.50; bu. \$12.50.

DAVIS KIDNEY WAX.—About 52 days to maturity. Height of vine, 15 to 16 inches. Color of beans white, kidney shaped. Length of pod about 6 to 7 inches, containing 5 to 6 beans to the pod. Pods handsome, long, flat, almost straight, stringy, light yellow. Very productive and very attractive when young, but as it grows older it becomes very stringy and tough. Not particularly meaty. Pkt. 10 cts.; pt. 40 cts.; qt. 75 cts.; pk. \$4.00; bu. \$15.00.

POLE, SNAP BEANS

OLD HOMESTEAD, or KENTUCKY WONDER.—It is very productive, grows in clusters; has long, crisp, tender pods of a bright green color.

The marketable condition shows a brilliant carmine and is very attractive. Pkt. 10 cts.; pt. 40 cts.; qt. 75 cts.; pk. \$3.50; bu. \$13.00.

Our Sales Are Constantly
Increasing.
"There is a Reason."



**Large
White Lima.**

BALDERSON'S IMPROVED BUSH LIMA BEANS—See High Grade Specialties, page 5.

BRUSSELS SPROUTS

Brussels Sprouts resemble miniature cabbage, which form and grow closely around stalks of plant at axle of leaves, which should be broken down in the fall to give little heads more room. Seed should be sowed in a plant bed and transplanted in rows when ready, any time from April to August, 2 feet apart, with plants 18 to 24 inches apart in the row. Cultivated and treated in all respects like winter cabbage or kale. One ounce of seed will produce about 1,500 plants.

DALKEITH.—A leading variety, tall stalks, 75 to 100 large buds like little cabbages one inches in diameter, very choice. The development of the buds can be hastened and enlarged by cutting away ten or more leaves on the stalk when three-quarters grown. Pkt. 10 cts.; oz. 40 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. \$2.50.

PARIS MARKET.—This is much dwarfer than the preceding and bears a large crop of handsome sprouts. Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 60 cts.; lb. \$2.00.

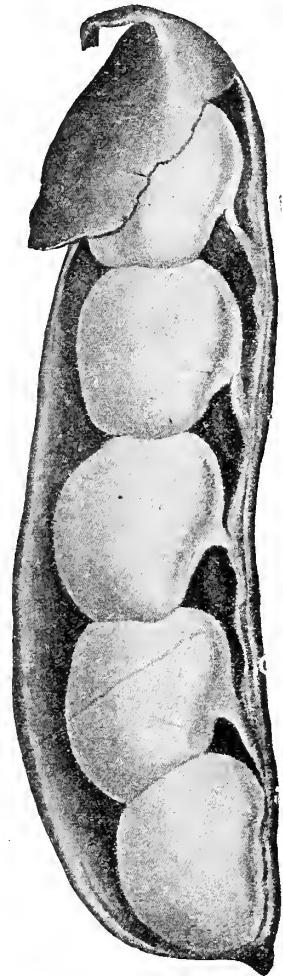
POLE LIMA BEANS

CULTURE.—Plant after danger of frost is past in April and May in raised hills 3 feet apart in the row and rows 4 feet apart. Plant 5 beans in a circle around the hill, with the eyes of the seeds downward and cover $1\frac{1}{2}$ inches. When 6 inches high thin to 3 plants to the hill. Fix firmly in the center of each hill a pole 5 to 8 feet high, and when plants show runners help the vines to start by twining them around the pole from right to left. They require only light cultivation after plants are 8 inches high. One-half pound will plant about 150 feet of row.

LANDRETHS' LARGE GREEN SEEDED LIMA.—About 84 days from planting to marketable condition. Seeds of a decided green tinge, that is, not bleached ivory-white. This green seeded selection is a going-back to the Jersey Lima of years ago which have never been excelled. The best form of Jersey Limas on the market today for both private and market gardeners, unsurpassed in flavor, averaging 4 to 5 Beans to the pod, pod $4\frac{1}{2}$ to $5\frac{1}{2}$ inches long. Pkt. 15 cts.; pt. 30 cts.; qt. 60 cts.; pk. \$4.00; bu. \$16.00.

CAROLINA or SIEVA.—About 82 days from planting to marketable condition. A small early variety of Limas, much more used in the South than elsewhere, as a Butter Bean, more vigorous in growth than the ordinary Jersey Limas, more prolific in pod. Very small foliage, short pointed leaves, more metallic green than the ordinary Lima. Pods about 3 inches long, borne in clusters, averaging 3 to 4 small white beans. Pkt. 10 cts.; pt. 30 cts.; qt. 60 cts.; pk. \$3.50; bu. \$13.00.

KING OF GARDEN LIMA.—About 84 days from planting to edible condition. One of the best and most productive Pole Limas, large leaved, good climber. Vine of a branching habit, pods about $4\frac{1}{2}$ to $5\frac{1}{2}$ inches long, dark, large and containing about 3 to 4 beans to the pod. Seed flat, and white with a slight green tinge. Pkt. 15 cts.; pt. 30 cts.; qt. 60 cts.; pk. \$3.25; bu. \$12.00.

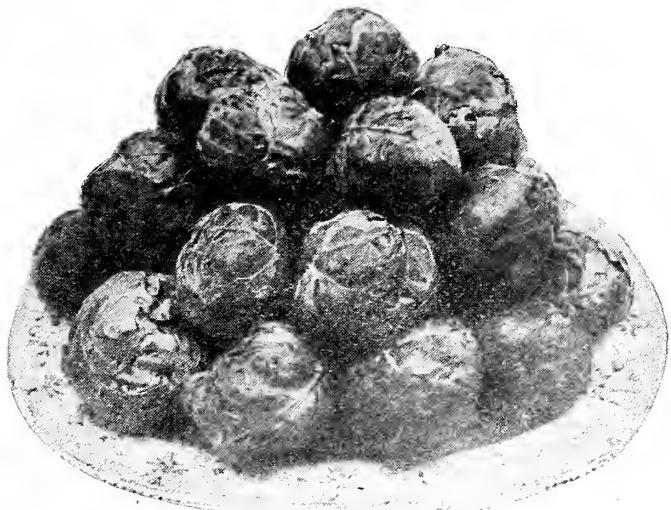


DWARF LIMA BEANS

CULTURE.—Plant after danger of frost is past in April, May or June, in rows 3 feet apart, and place beans, eyes downward, 15 inches apart in the row, covering them $1\frac{1}{2}$ inches. About 1 pound is required for 100 feet of row; 30 pounds to the acre. If plants show runners, do not think you have planted by mistake Pole Beans, as Bush Beans were bred from Pole Beans, and, therefore, sometimes show a tendency to run.

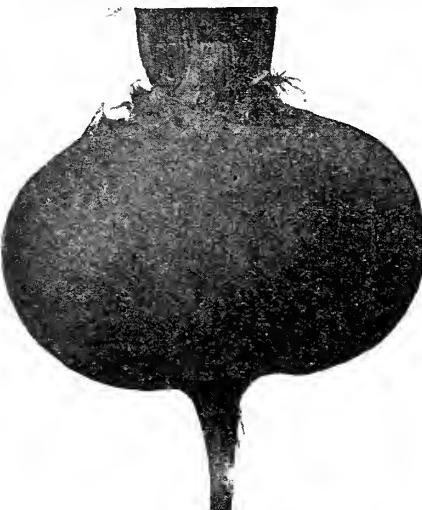
BURPEE'S BUSH LIMA.—About 77 days to maturity. Seed more nearly resembling the old Jersey Pole Lima than any other, but a trifle smaller. Flat, usually having the appearance of a cut on both sides of the eye. This is a lima bean borne in full-sized pods on plants of a dwarf habit. The pods average 4 to 5 inches. Pkt. 15 cts.; pt. 30 cts.; qt. 60 cts.; pk. \$4.00; bu. \$15.00.

FORDHOOK BUSH LIMA.—About 76 days to maturity. Seed large, oval, white with a green tinge, very plump like the Challenger Pole Lima. Pkt. 15 cts.; pt. 45 cts.; qt. 80 cts.; pk. \$5.00; bu. \$18.00.



Brussels Sprouts.

BEETS



Crosby's Egyptian.

BASSANO.—A strong, growing, almost solid green foliage, very early white fleshed variety. Considered by many to be the most sugary of all table beets grown. Green topped, with a white midrib to leaves. Outside skin often pink. Flesh white when cut showing very large whiter zones. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.00.

CROSBY'S IMPROVED EGYPTIAN.—A very early strain of the old standard Egyptian; small tops, good shape; popular with truckers. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.00.

CRIMSON GLOBE.—Early, rich crimson; perfect globe; smooth and clean. Very attractive, and a general favorite. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.00.

DETROIT DARK RED.—A fine strain of Blood Turnip, but more uniform in size, smooth, rich red color; tender and remaining so for a long time. Good for both summer and fall use; one of the best for home use. Medium size. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.00.

EXTRA EARLY ECLIPSE.—A most popular market beet; globe-shaped, dark red and tender; very early. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.00.

BALDERTON'S IMPROVED EARLY BLOOD TURNIP BEET.—See High Grade Specialties, page 5.

SWISS CHARD or SILVER LEAVED BEET.—Grown for its leaves and stems only. Cook the leaves as you do spinach, and the stems like asparagus. Leaves grow from 20 inches to 2 feet in length. Plant is almost perpetual if kept trimmed; also good for poultry greens. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 85 cts.

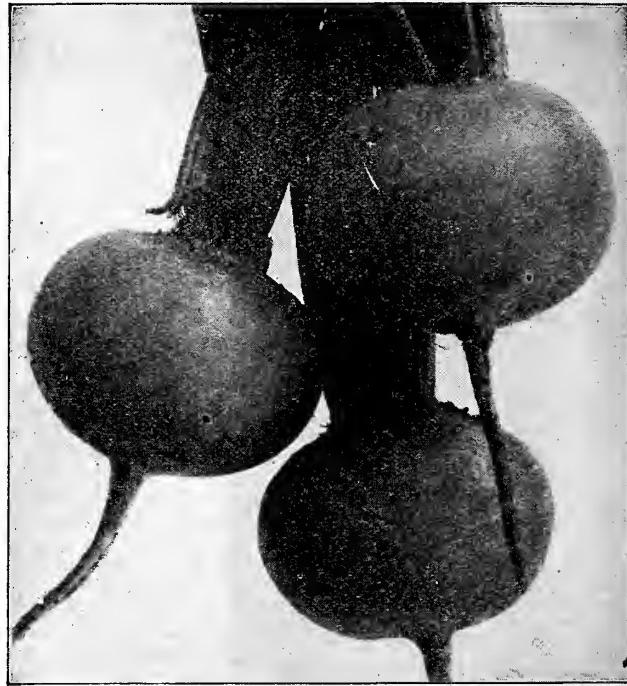


Swiss Chard, or Silver-Leaved Beet.

MANGEL, OR STOCK BEET

Mammoth Prize Long Red.

CULTURE.—For very early crop the seed should be sown in hot-beds or started in boxes in the house in January and February. After danger of frost is past, transplant and set them in rows 2 to 3 feet apart, and 6 inches apart in the rows. Or they can be sown out-side from March to July, as desired, for medium, early or late crop, in drills, covering 1 inch and plants thinned to 6 ins. Beets should be grown in light, clean, deep soil, and kept well cultivated. Two ozs. of seed will sow 100 feet or row and about 7 lbs. are required to sow an acre.
5 lbs. at 5 cts. per lb. less.



Improved Early Blood Turnip.

MAMMOTH PRIZE LONG RED.—This is by far the most popular and satisfactory of the mangolds to grow. It is hardy and produces large crops with little care. The roots grow to a large size, some of them weighing 20 lbs. or more. It makes fine rich food for stock. Oz. 10 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 60 cts.

GOLDEN TANKARD.—About 90 days. A rapidly maturing root adapted to shallow lands, although doing well on every soil. Oz. 10 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 60 cts.

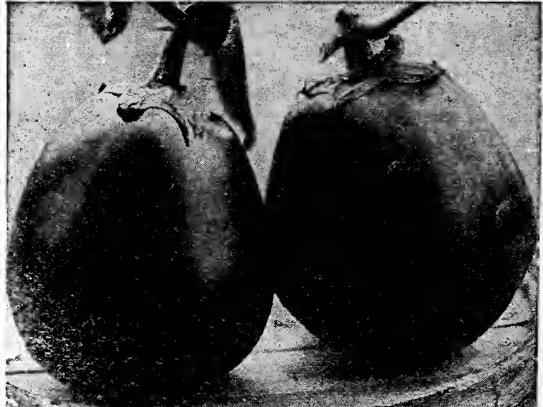
EGG PLANT

CULTURE.—Sow in February or March $\frac{1}{2}$ inch deep in hot-beds or boxes inside. When the plants are 2 inches high transplant to pots or good rich soil, after all danger of frost is past, in May. Set out in 3-foot rows, 2 feet apart in the row. The ground should be a good rich loam. Keep the plants free from insects by applying Slug Shot or Bug Death. One ounce of seed will produce about 1,000 plants.

BLACK BEAUTY.—This is the earliest and the best of all large-fruited Egg Plants. The large fruits are thick and of the most attractive form. The skin is a rich, lustrous, purplish-black, and it is entirely free of spine or thorns. Pkt. 10 cts.; oz. 50 cts.; $\frac{1}{4}$ lb. \$1.50; lb. \$5.00.

HIGH BUSH—130 Days.—The fruit is not so large or as round as the New York Improved. Vines considerably taller, more vigorous, and a continuous bearer. Pkt. 10 cts.; oz. 50 cts.; $\frac{1}{4}$ lb. \$1.50; lb. \$5.00.

NEW YORK IMPROVED PURPLE.—The leading market variety; of large size, skin deep purple, smooth. Pkt. 10 cts.; oz. 50 cts.; $\frac{1}{4}$ lb. \$1.50; lb. \$5.00.



Black Beauty.

CABBAGE

CULTURE.—To make an early crop of Cabbage the seed can be sowed in hotbeds or in boxes in the house in January, February and March, or for later crop can be sowed outside from April to June, but to make the earliest Spring Cabbage the seed should be sowed outside about September 15th and then transplanted in November where they are to remain. Cabbage should always be transplanted to good, rich, clean, light soil in rows 3 to 4 feet apart, with plants 16 to 24 inches apart in the row, according to the variety of Cabbage, whether of large, medium or small-size growth. One ounce of seed will produce about 1,500 plants.

BALDERSON'S EARLY JERSEY WAKEFIELD.—This is the most popular early cabbage grown for both market gardeners and home use. Our strain of this cabbage has for years been carefully bred and grown for us by the most reliable cabbage seed growers in this country. It cannot be improved upon, and is just what is wanted by the most critical truckers and gardeners. They are uniform in size and make firm, pointed heads. Unquestionably this is the best first early cabbage. Pkt. 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. \$2.75.

LARGE, or CHARLESTON WAKEFIELD.—Not quite as early as Jersey Wakefield, but larger, of uniform size, solid head, and a good shipper. Pkt. 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 85 cts.; lb. \$2.75.

BALDERSON'S COPENHAGEN MARKET CABBAGE.—See High Grade Specialties, page 5.

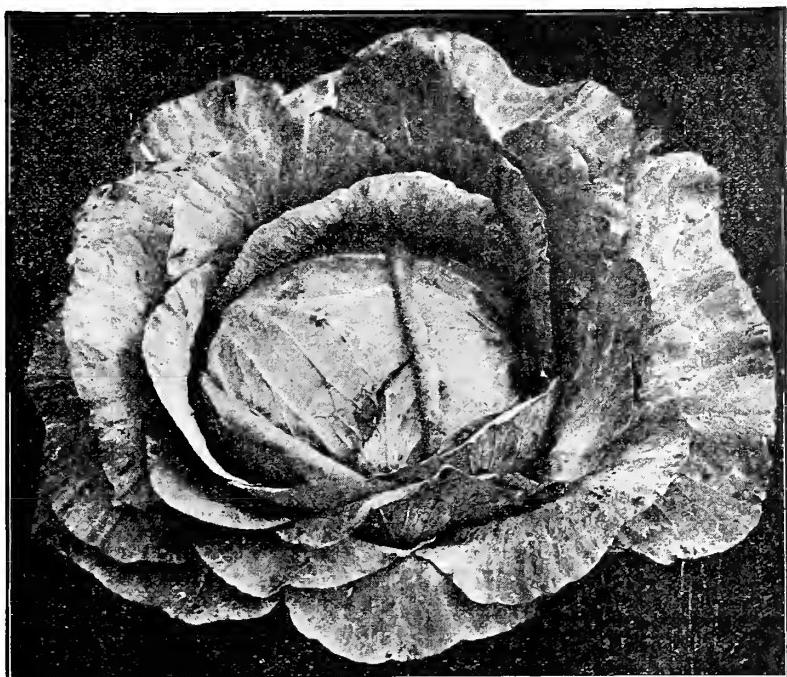
EARLY FLAT DUTCH.—Medium early, large, flat, solid heads; a reliable and popular variety. Pkt. 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. \$2.50.

BALDERSON'S PREMIUM LATE FLAT DUTCH CABBAGE.—See High Grade Specialties, page 5.

LARGE LATE DRUMHEAD.—Resembles Flat Dutch, but more round; large, solid; keeps well. Pkt. 10 cts.; oz. 30 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. \$2.50.

AMERICAN DRUMHEAD SAVOY.—A late variety. Very tender; good flavor; of superior quality, with curled savoy leaves. Pkt. 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 80 cts.; lb. \$3.00.

SUREHEAD—115 Days.—This is a popular strain of the Large Late Flat Dutch type of Cabbage; largely grown for winter. Pkt. 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. \$2.50.

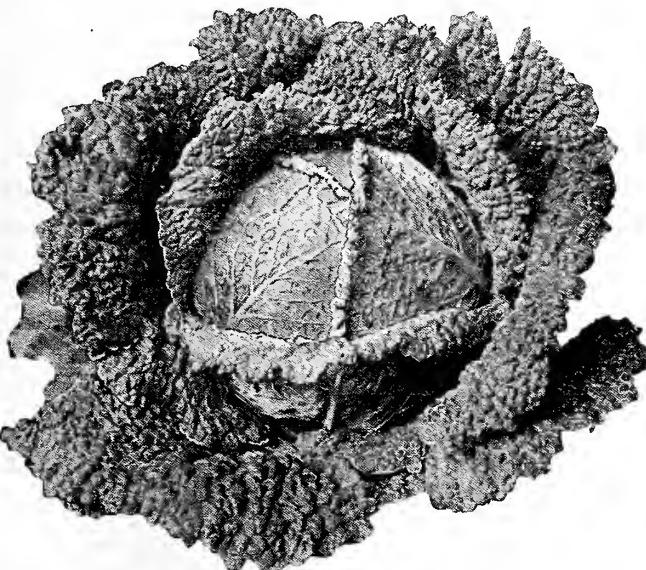


Copenhagen Market.

CHINESE CABBAGE, or PE-TSAI.—Sometimes called Celery Cabbage. This has a mild cabbage flavor, very delicate and delicious. It makes delicious slaw, also a very fine salad; when cooked it makes greens delicately cabbage flavored, but without the strong flavor and odor of cabbage. Pkt. 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. \$2.75.

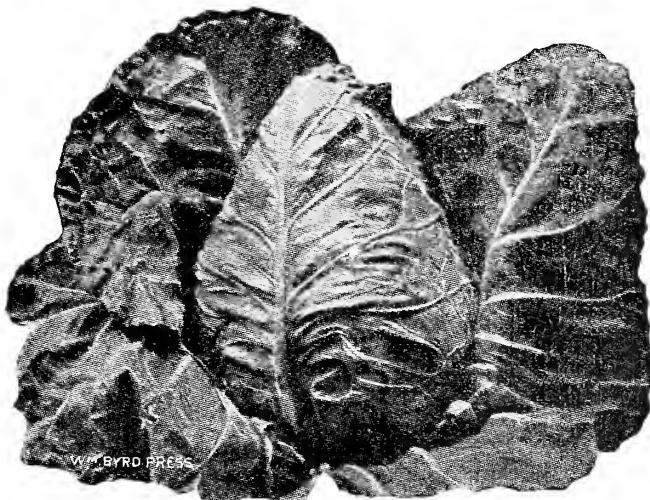
SUCCESSION.—About 110 days from germination to maturity. An intermediate between Early Flat Dutch and Late Flat Dutch. Slightly later than the second early sorts. Plants are vigorous with short stems; heads are large, deep and of excellent quality. Pkt. 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 80 cts.; lb. \$2.75.

RED DUTCH, 100 Days.—Leaves red or purple. Head medium size, round, solid, deep red color. Medium length stems, generally used for pickles. Pkt. 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 85 cts.; lb. \$3.00.



American Drumhead Savoy.

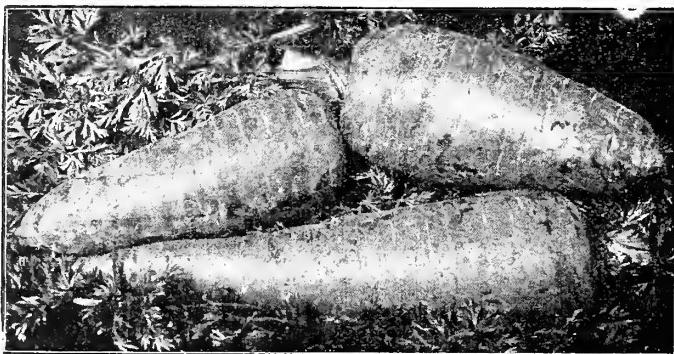
DANISH ROUND SHORT STEM OR AMAGAR—12 Days.—About 120 days. This variety is considered by many superior to the tall stemmed ballhead, having a shorter stem, and a little earlier. It is the most popular now of the two varieties. Pkt. 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 90 cts.; lb. \$3.50.



Balderson's Early Jersey Wakefield.

CARROTS

CULTURE.—Carrots can be sown from March to June in drills 12 inches apart and the plants thinned to 4 or 5 inches apart, covering the seed about $\frac{1}{2}$ inch. They thrive best in light, loamy, deep rich soil. To keep Carrots in winter, pack well in clean, dry sand and place in a dry, dark cellar. Sow 1 ounce of seed to 100 feet of row; about 4 pounds to the acre.



Orange Danvers Half Long.

EARLY SCARLET HORN BLUNT OR DUTCH HORN—70 Days.—Early and delicate. Roots about 3 inches long. Top-shaped. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$2.00.

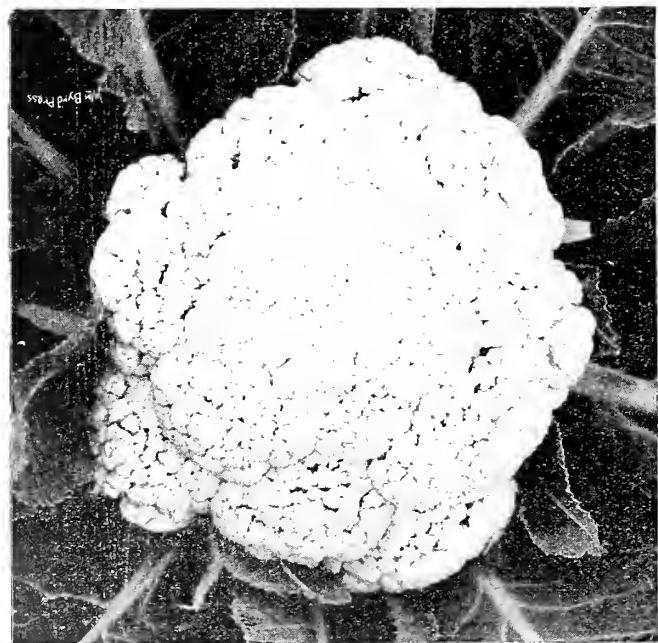
CHANTENAY.—One of the best for home or market. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.25.

OX-HEART or GUERANDE.—About 65 days to edible condition. When full size grows to a diameter of a pint measure but should be eaten when one inch in diameter. Bright orange. An excellent variety. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.25.

ORANGE DANVERS HALF LONG.—About 65 days to edible condition. A broad shouldered, cylindrical, very choice variety. Most popular in use. Roots 6 inches long, tapering. Flesh deep orange yellow. Very attractive. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.25.

DANVERS HALF-LONG.—Rich. Dark orange color; good quality. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.25.

LONG ORANGE—80 DAYS.—This extremely productive carrot frequently grows 8 to 10 inches long, sometimes longer, and produces a root of deep orange color, of about 3 inches diameter at the top of crown tapering to a slight point. This is a variety very much more used for stock feeding. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.00.



Early Snowball.

CAULIFLOWER

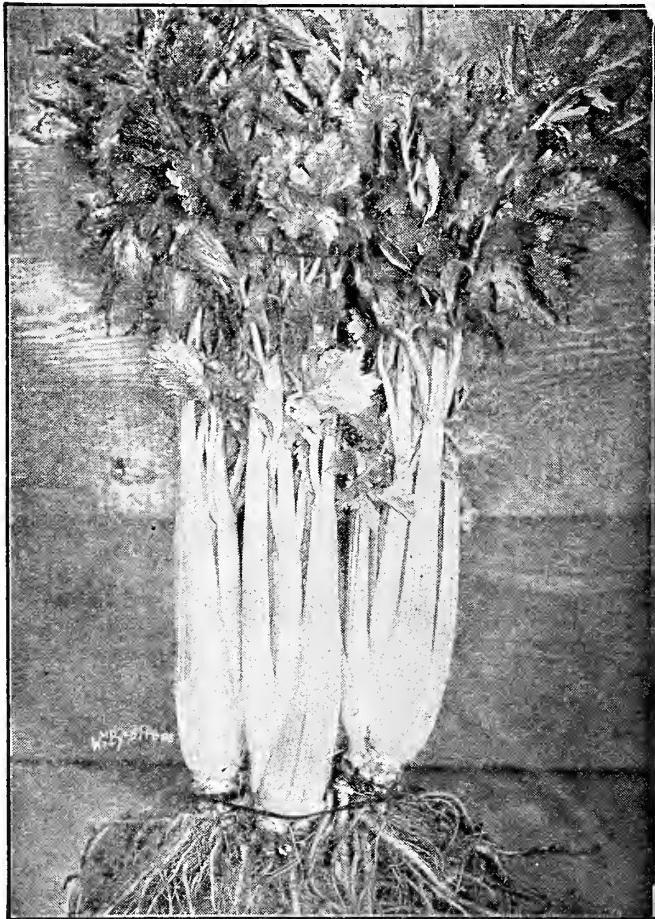
CULTURE.—Cauliflower should be grown and cultivated in all respects like cabbage (see cultural directions for cabbage), except when the heads form. The loose outer leaves should be brought together and tied over the heads to keep out the light and make them bleach and whiten. Set in moist soil and keep well watered. One ounce of seed will produce about 2,000 plants.

EARLY SNOWBALL.—A sure header; large, solid, perfectly white, of good quality; and the best early variety. Pkt. 25 cts.; $\frac{1}{4}$ oz. 80 cts.; oz. \$2.25.

CELERY

CULTURE.—Sow in hotbeds or in seed boxes in the house in February or March. Keep well watered and transplant from July to September 15th to rich, moist, mucky soil in rows 12 to 18 inches apart, with plants 6 inches apart in the row. Supply abundance of moisture. As the plants grow heap up the earth around the stalks to whiten them. To protect from severe winter weather, cover the rows with straw and lay boards on the top, or bank the rows with boards when 10 inches tall. One ounce of seed produces 1,000 plants.

CELERIAC, LARGE SMOOTH PRAGUE—110 Days.—This plant is used for the large turnip-like bulbs forming under the ground, the stems above the ground are of no value except to use for flavoring. The stem should be sown and given the same treatment as any ordinary celery. Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 60 cts.; lb. \$2.25.



Golden Self-Blanching.

GOLDEN SELF-BLANCHING.—Not as early as the White Plume, but is of a heavier and more compact growth. Its stalks are thick, crisp and brittle, with large solid hearts. The quality is superb; good flavor, tender and free from stringiness. Pkt. 10 cts.; oz. 50 cts.; $\frac{1}{4}$ lb. \$2.00.

GIANT PASCAL.—Thick, solid stalks, golden hearts; blanches quickly; keeps well; of a good flavor; one of the most popular varieties. Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 75 cts.

WHITE PLUME.—One of the best for early use; handsome, good quality and blanches easily. Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 75 cts.

GARDEN CORN

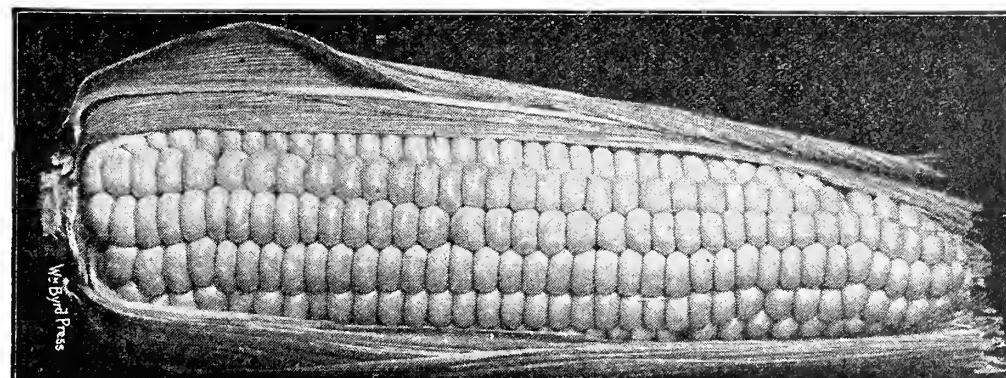
CULTURE.—Plant 3 or 4 grains $1\frac{1}{2}$ inches deep, 2 feet apart in rows 3 to 4 feet apart, according to the size and variety of the Corn. When plants are 4 inches high thin out to 2 plants to the hill. For very early Corn the hardiest and earliest varieties can be planted the latter part of March, if the weather is mild, but Sweet Corns should not be planted until April, or until the Spring weather opens and the ground gets warm, as Sugar Corn has a tendency to rot in the ground if planted too early, or during a continued cold or rainy spell of weather. It should be planted at intervals of every two weeks until July or August, so as to have Corn for use during the entire season. One-half pound will plant 150 feet of row; 10 pounds to the acre.

EXTRA-EARLY ADAMS.—This is the earliest white Garden Corn, but has a small ear and stalk. Valuable on account of its extreme earliness. Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts.; pk. \$1.90; bu. \$6.75.

EXTRA EARLY IDEAL.—Large ears, sweet, delicious flavor, tender, extremely early. Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts.; pk. \$2.00; bu. \$7.25.

BALDERSON'S MONEY-MAKER CORN.—See High Grade Specialties, page 5.

HOWLING MOB.—About 78 days to edible condition. Ears about 7 inches long. Height of stalk $4\frac{1}{2}$ feet. Large broad grains. Quite a popular variety for sowing late in the summer, as it ripens a little earlier than Stowell's Evergreen, and is not so liable to be caught by frost. Pkt. 10 cts.; pt. 20 cts.; qt. 35 cts.; pk. \$2.00; bu. \$7.00.



Stowell's Evergreen.

Sweet, or Sugar Corn

GOLDEN BANTAM.—A distinct variety of Extra-Early Sweet Corn, of golden yellow color; very sweet and tender; is hardy, and can be planted earlier than most sweet corns. Has several ears on the stalk 5 to 7 inches in length. The best early sweet corn, excellent for table use. Pkt. 10 cts.; pt. 20 cts.; qt. 35 cts.; pk. \$2.00; bu. \$7.50.

BALDERSON'S WHITE EVERGREEN CORN.—See High Grade Specialties, page 6.

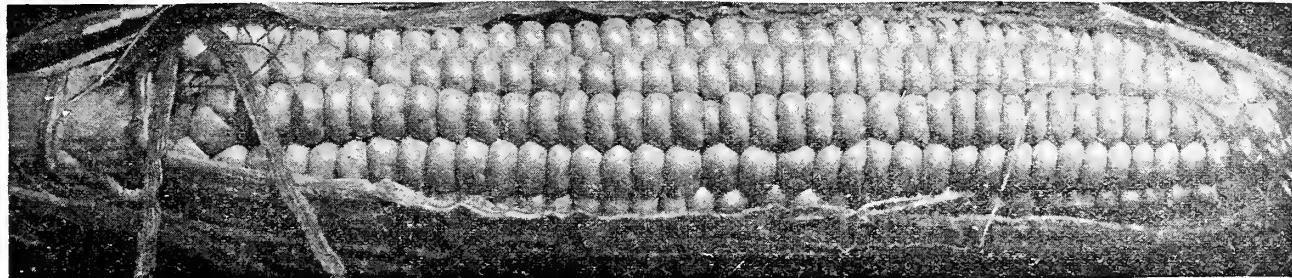
COUNTRY GENTLEMAN.—Considered one of the best quality Sweet Corns for table use and canning; has long, deep grains, and yields 2 to 4 ears to the stalk. A general favorite. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; pk. \$1.90; bu. \$7.00.



Early White Evergreen.

STOWELL'S EVERGREEN.—A large prolific Sweet Corn of excellent quality. A favorite for market or home use; also a splendid canning variety. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; pk. \$1.85; bu. \$6.65.

BLACK MEXICAN.—While the seed of this corn is bluish-black when matured, it is unusually white when in the roasting ear state. It is of fine table qualities, tender and sweet, especially recommended for family use. Pkt. 10 cts.; pt. 20 cts.; qt. 35 cts.; pk. \$2.00, bu. \$7.00.

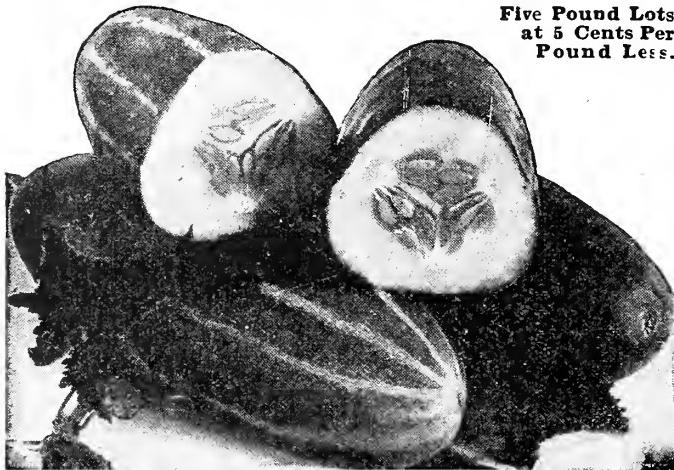


Landreth's Money Maker.

CUCUMBERS

CULTURE.—To have very early Cucumbers plant in small paper pots. Keep them in a hot bed and when plants are large enough slip plants and dirt out of the pots and set outside after danger of frost, or for later crop plant outside after the ground is warm, from April to July, in rich, well manured, hills 4 feet apart. Plant 8 to 10 seeds 1 inch deep around the hills. Later thin to 2 or 3 plants to the hill. Hoe or cultivate only until the plants start to vine, then pull weeds by hand. 1 oz. will plant about 50 hills; 2 lbs. to the acre.

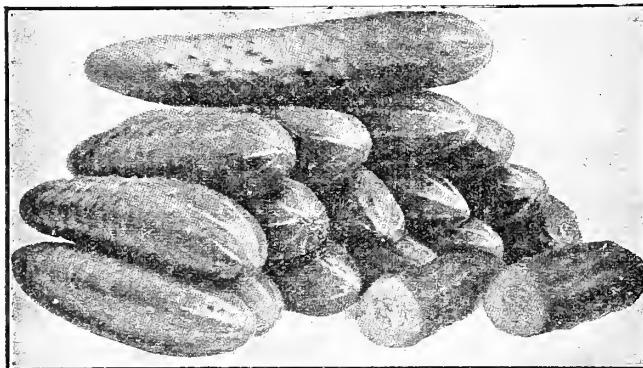
Five Pound Lots
at 5 Cents Per
Pound Less.



Early Fortune.

BALDERSO N'S EARLY FORTUNE CUCUMBER.—See High Grade Specialties, page 6.

ARLINGTON EARLY WHITE SPINE.—A long, well-shaped green variety; one of the best and most popular early market sorts. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.00.



Arlington White Spine.

KLONDYKE.—This variety is very popular as a market sort. The fruits are long and straight, and hold their deep green color, which makes it a good shipping sort. It is early and very productive. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.00.

IMPROVED LONG GREEN.—An old favorite. Prized for table, market and pickles. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 40 cts.; lb. \$1.25.

JERSEY PICKLE.—Sometimes called Westerfield Pickle. Vine vigorous, foliage broad, rounded form, choice green color with smooth skin and few spines. A very desirable variety for pickles. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.00.



Improved Long Green.



Early White Vienna.

GHERKIN, OR BURR CUCUMBER.—Small, prickly; used for pickles only. Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 60 cts.; lb. \$2.00.

DILL—70 Days.—The seeds used in flavoring preserves very largely, also for flavoring pickles. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 50 cts.

THYME—70 Days.—Used for seasoning. Pkt. 10 cts.; oz. 30 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$4.00.



American Flag
Leek.

KOHL-RABI

EARLY WHITE VIENNA.—White and tender; the best variety. Sow in April in 18-in drills, and thin out to 8 inches. For winter use, sow in June and July. One ounce to 200 feet of drill. Pkt. 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. \$2.25.

AMERICAN FLAG LEEK

Is mostly used for cooking and for flavoring soups, etc. It is said to be superior to Onions for this purpose. It has large, thick, stems of a sweet flavor. Sow in the early spring in rich, light, moist soil in drills, covering the seed about $\frac{1}{2}$ inch. When the plants are 6 inches high transplant to rows 12 inches apart, placing plants 6 inches apart in the row. As the plants grow draw the earth up to them to whiten the necks. Sow 1 ounce of seed to 100 feet of row. Pkt. 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 60 cts.; lb. \$2.00.

GREEN CURLED ENDIVE

Endive is a nice relish and makes a splendid salad for late fall and winter use. It has finely cut leaves, which give it a mossy appearance when blanched. It can be sown from April to August, $\frac{1}{2}$ inch deep in drills, and plants thinned to 8 inches apart. When nearly grown outer leaves should be tied together over the heart to whiten it. Keep well watered in dry weather. One ounce of seed will sow 100 feet of row. Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 50 cts.; lb. \$1.50.

CANTALOUE, or MUSKMELON

CULTURE.—Plant late in April or May, after danger of frost is past. Prepare hills 4 to 6 feet apart using about $\frac{1}{4}$ lb. of B. & H.'s Vine and Vegetable Fertilizer to the hill or a liberal supply of stable manure in each hill. The soil should be light rich loam, moderately dry. Plant about 10 seeds to the hill, and when about 2 inches high pull to 4 plants. Cultivate well until the runners are well started. At the last working about 2 ozs. more of fertilizer should be worked in around the plants. When the vines begin to blossom the runners should be pinched or clipped off, which will increase the yield of melons. One ounce of seed will plant about 50 hills; 2 pounds to acre.

5 lbs. at 10 cts. per lb. less.

ROCKY FORD NETTED GEM.—Rust resisting, small size, nearly round, thickly netted, nutmeg shape. Delicious flavor. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.00.

BALDERSON'S KNIGHT CANTALOUE.—See High Grade Specialties, page 5.

POLLOCK No. 10-25—80 Days.—The best known today of the famous salmon-fleshed Cantaloupes at Rocky Ford, quite round, heavily netted, no ribs, small cavity, of the most excellent flavor. This variety has a reputation of being the best rust-resistant of any Melon. We cannot praise our stocks of this too highly. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 40 cts.; lb. \$1.25.

HONEY DEW MELON.—This melon, introduced several years ago in the West, has caused very favorable comment wherever grown. It is a Melon of medium size, oval shape; the color while growing is nearly white and is a creamy lemon-yellow when ripe. It has heavy, thick flesh of light green color; fine grain and of delicious flavor, said to be a mingling of several flavors—Pineapple, Banana and Vanilla. It has a tough, thin rind, and the Melons can be kept until cool weather. The vines are strong growers and productive. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 40 cts.; lb. \$1.25.

FORDHOOK—30 Days.—A thick orange flesh, small cavity melon, well ribbed and heavily netted. Flat at poles, resembles the Jenny Lind in many respects, except in color. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 50 cts.; lb. \$1.50.



Balderson's Knight.

SWEET AIR.—Melon for all purposes. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 50 cts.; lb. \$1.75.

BOTTOMLEY CANTALOUE.—True Anne Arundel strain. Great favorite. Pkt. 15 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 60 cts.; lb. \$2.00.

WATERMELONS



Tom Watson.

KLECKLEY SWEET.—Probably no other Melon has ever attained such popularity for home use and nearby markets. This is a perfect Melon for that purpose, but does not stand shipping well. Its eating qualities leave nothing to be desired. One of the most salable melons on the Richmond market, vines strong and vigorous; Melons oblong, medium size, growing 18 to 24 inches in length, 10 to 12 inches through. Skin is very rich, dark green color; white seeds. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

EARLY DARK ICING.—An extra early Melon of medium size, nearly round, dark green rind, thin and brittle. As an early Melon for family use or nearby market it has no equal, but will not stand shipping. The quality is unsurpassed, deliciously sweet and melting. For years this variety has been the first home-grown melon offered on the Richmond markets. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.00.

THURMOND'S GREY.—A selection from Irish Grey, but larger. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

Five pound lots at 5 cents
Per pound less.

CULTURE.—Prepare land and cultivate the same as recommended for Cantaloupes, except the hills should be somewhat larger and placed 8 or 9 feet apart. New ground or a broomstraw field is an excellent place in which to grow melons, as they thrive best on light sandy soil. For a late crop of Melons they may be planted as late as June 10th. One ounce of seed will plant about 30 hills; 3 pounds to the acre.

TOM WATSON.—One of the best and most popular early long green Melons; has a thin but tough rind, which makes it the best market and shipping variety. Flesh is a bright red, firm and very sweet. Has taken the lead over all other shipping Melons, and sells for the highest prices in the Northern Markets. Our stock of this melon is grown for us by an expert Melon grower and the strain cannot be improved upon. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 85 cts.

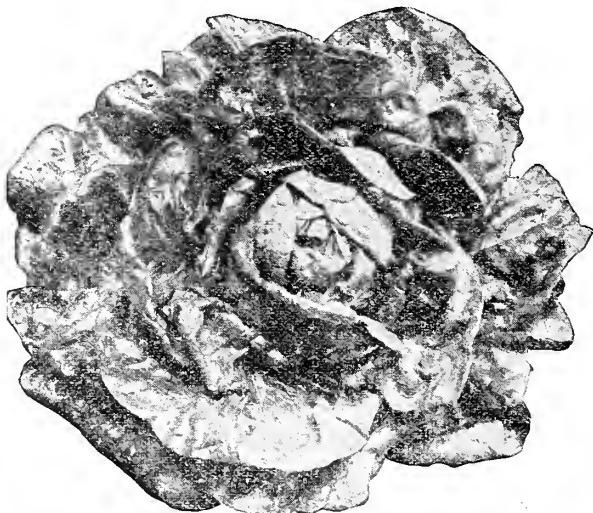
ICING ROUND LIGHT GREEN RIND.—About 75 days. Seed creamy white, one of the best melons on the market and a great favorite. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 85 cts.

FLORIDA FAVORITE.—A very old, but popular Melon, oblong shape, striped skin, bright crimson flesh, deliciously sweet; is early to mature and a general favorite for family use. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 85 cts.

IMPROVED GEORGIA RATTLESNAKE.—An old but popular shipping variety, a large oblong Melon with decided stripes of light and dark green. The rind is thin, but tough; the flesh is bright red and of excellent flavor. Is a good variety either for shipping or home use. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 85 cts.

BALDERSON'S GRAY—80 Days.—Color of seed all creamy white. Very popular as a shipper. Fruit long, oval, light gray color outside. Flesh bright red, free from hard centers. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 85 cts.

LETTUCE



Big Boston.

CULTURE.—To grow early Lettuce the seed should be sown in January in seed boxes inside or under glass. When large enough harden by exposure to cold weather before setting outside. Transplant to rich mellow soil 8 to 12 inches apart in 18-inch rows, and keep well worked. Lettuce must have rapid growth to succeed. For a succession set every 3 weeks. Seed may be sown in rows outside in the spring and plants thinned out. For fall use sow in July and August. One ounce will produce 1,500 plants.

BIG BOSTON.—A favorite early variety for home use, market or shipping. A very large solid firm heading variety of superior quality. Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 40 cts.; lb. \$1.25.

BLACK SEEDED SIMPSON.—40 days from planting to edible condition, Black Seed. A standard American variety found in all catalogues. Crisp, yellowish, green leaves of large size, grows very quickly, of fine quality. The flavor is excellent; it is the most popular of all the loose leaved sorts. Color of leaves a whiter yellow than White Seeded Simpson. Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 50 cts.; lb. \$1.50.

MAY KING.—Is of quick growth, nearly all head, having few outer leaves, grows to a good size, and is of a specially fine, rich, buttery flavor. Is a good shipping Lettuce. Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 50 cts.; lb. \$1.50.

BALDERSON'S ICEBERG LETTUCE.—See High Grade Specialties, page 6.



May King.

SATISFIED CUSTOMERS IS THE REASON FOR OUR SALES INCREASING.

CURLED SILESIAN.—Similar to Simpson, quite as durable, and a favorite. Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 50 cts.; lb. \$1.50.

WHITE PARIS COS.—The best of Celery Lettuce. Forms large, light green, solid, well-formed heads, of upright growth and esteemed for its crispness and mild flavor. Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 50 cts.; lb. \$1.75.

PRIZE HEAD.—A curly, non-heading crisp sort, medium size with light bronze on the edges. A very rapid grower. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.25.

SALAMANDER OR BLACK SEED TENNIS BALL.—55 days to maturity. Black seeds, forming a large size, light green compact head with a white heart, very tender and crisp. Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 40 cts.; lb. \$1.25.

KALE

CULTURE.—The Spring or Smooth Kale may be sown either in the spring, from February to June, or in the fall, September to December. Broadcast 8 to 10 pounds to the acre. The Siberian and Scotch varieties should be sown from August 15th to October 15th, though both are frequently sown in the spring with satisfactory results. When drilled, about 3 lbs. are required for an acre, or if seeded broadcast, 5 lbs. to the acre.



Early Curled Siberian Kale.

SPRING, or SMOOTH.—Hardy, quick-growing; best for spring sowing. Sow 10 lbs. to the acre broadcast, or 4 to 5 lbs. in drills. Pkt. 5 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 50 cts.

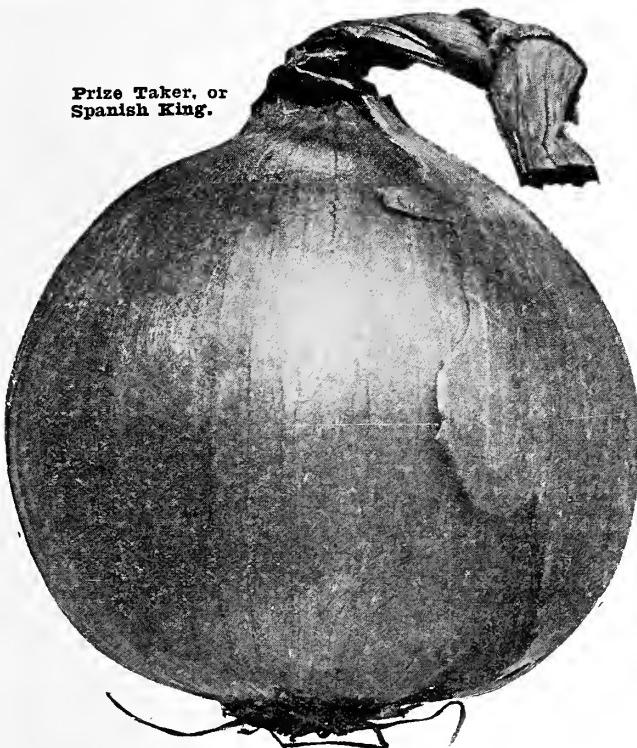
EARLY CURLED SIBERIAN.—A standard winter curled variety; bright green with purple tinge. Sow 5 pounds to the acre. Pkt. 5 cts.; oz. 10 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.

GREEN CURLED SCOTCH or NORFOLK.—Popular for shipping. Light green, nicely curled. Sow 5 pounds to the acre. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. 90 cts.

BALDERSON'S BLOOMSDALE KALE.—See High Grade Specialties, page 6.

ONIONS

Prize Taker, or
Spanish King.



CULTURE.—Onions are grown from seeds and also from Sets. To grow onions from seed, plant in the open in the early spring rather thickly, $\frac{3}{4}$ inch deep in rows 18 inches apart, and later thin the plants to from 3 to 5 inches apart, and keep well cultivated. When grown this way 1 ounce of seed will sow 100 feet of row; 6 pounds to the acre. If Sets for planting the following spring are desired, sow the seed in March or April in wide rows, 20 to 40 pounds to the acre. When the tops die in the summer remove and store only the small Sets, spreading them thinly in a dry place, using the larger size for eating or pickling purposes. Onions require rich soil, and a liberal supply of manure from the poultry-house is very beneficial. But probably the most satisfactory way for the small home gardener to grow early green onions is from the Sets. These may be put out in the spring, in March or April, or in the fall, in September and October, 3 inches apart in rows 1 foot or more apart. One pound will set about 75 feet of row. Fertilize well and keep well cultivated.



Silver Skin.

BERMUDA RED.—About 60 days. The distinctive name of this variety is Red, but it is not altogether a red bulb—it is dashed with red on a straw-colored ground. Very early and flat. Mild flavor, resembling the White Bermuda in every way but in color. Pkt. 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. \$2.50.

EBENEZER OR JAPANESE—100 Days.—An old yellow skinned variety, very popular at the present time for growing sets, which is its attractive quality. Its other merits are that of a most vigorous kind. Pkt. 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00.

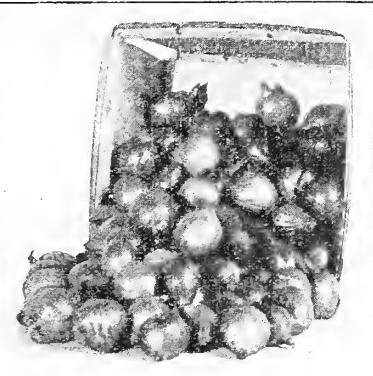
PRIZE TAKER, OR SPANISH KING.—Very large and solid; skin rich yellow, flesh pure white; sweet, mild, tender. Pkt. 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 65 cts.; lb. \$2.25.

SILVER SKIN.—Pure white, of mild flavor; best for growing sets. Pkt. 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. 90 cts.; lb. \$2.75.

LARGE RED WETHERSFIELD.—Medium early; skin purplish-red and flesh purplish white. Pkt. 10 cts.; oz. 30 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. \$2.50.

YELLOW GLOBE DANVERS.—Grows large; keeps well; the standard for main crop. Pkt. 10 cts.; oz. 30 cts.; $\frac{1}{4}$ lb. 80 cts.; lb. \$2.00.

SOUTHPORT WHITE GLOBE—110 Days.—A very showy, mild flavored, large White Globe variety. Very solid, productive, a good keeper. Pkt. 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. 90 cts.; lb. \$3.00.



Onion Sets.

ONION SETS

One Pound Equals About One Quart.

SILVER SKIN.—Qt. 25 cts.; pk. \$1.25; bu. \$4.25.

YELLOW DANVERS. Qt. 25 cts.; pk. \$1.00; bu. \$3.75.

MUSTARD

CULTURE.—Sow from February to April for early crop, or in September and October for late use. It may be sown in drills 6 to 8 inches apart, covering the seed $\frac{1}{2}$ inch. One ounce of seed will sow about 75 feet of row in this way, or it can be sown broadcast, when 5 or 6 pounds to the acre are required.

BLOOMSDALE LARGE-LEAVED—35 Days.—Producing, when fully grown, immense leaves which are as long and as broad as the largest tobacco. These same leaves when size of a man's hand are very tender and admirable as a salad. The leaves when twice that size we recommend for boiling as spinach. This plant should have a place in every Southern garden. An immense amount of edible and crumpled material can be raised in a very limited space. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

OSTRICH PLUME—40 Days.—Double curled like parsley, exceedingly ornamental. Light green, long plume-like leaves. More delicate than Giant Southern Curled. Shoots to seed more slowly than any other Mustard. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.00.

WHITE.—Pkt. 5 cts.; oz. 10 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.



OKRA

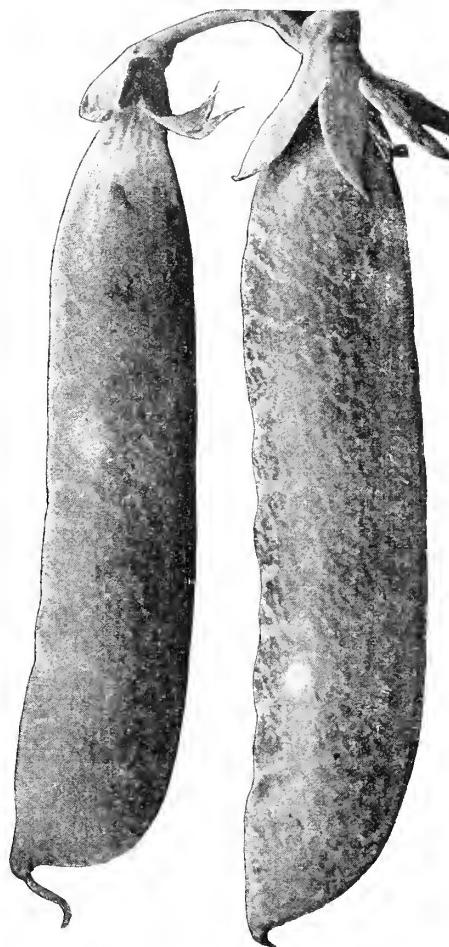
CULTURE.—Sow in April or May, after danger of frost is past and the ground becomes warm, drilled in rows 3 feet apart, covering the seed $1\frac{1}{2}$ inches. Thin the plants to 8 or 10 inches apart. For winter use slice the young pods, string and dry them in the shade. Two ounces of seed will sow 100 feet of row.

LANDRETH'S DWARF STALKED LONG GREEN POD.—50 days. Height of stalk about 3 feet. Gumbo soup made out of the Okra is unexcelled in delicacy and at the same time most health sustaining because of its mucilaginous character, being an offset to many other dishes not conducive to comfort. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 85 cts.

WHITE VELVET.—Pods large, round, white and smooth and very abundant. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 85 cts.

TALL GREEN.—Long pods; grow 4 to 5 feet high. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 85 cts.

GARDEN, or ENGLISH PEAS



Balderson's Telephone.

BALDERSON'S TELEPHONE PEAS.—See High Grade Specialties, page 5.

EARLY BIRD.—Early dwarf; vigorous and prolific, large well-filled pods, as early as Alaska and as large as Gradus; can be planted as early as any variety. Pkt. 10 cts.; pt. 35 cts.; qt. 65 cts.; pk. \$3.75; bu. \$13.75.

AMEER, or LARGE-PODDED ALASKA.—A large and prolific strain of the well-known Alaska Pea. The size and color of the peas and pod make a very desirable market variety; is very hardy and prolific. Much in demand with market gardeners. Height 2 feet. Pkt. 10 cts.; pt. 25 cts.; qt. 50 cts.; pk. \$2.50; bu. \$9.50.

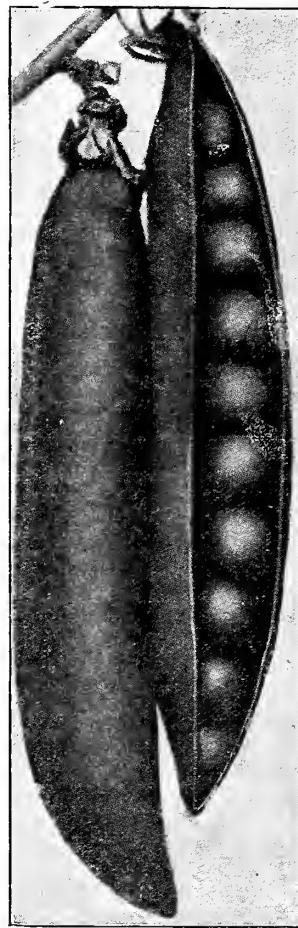
LANDRETH'S EXTRA EARLY—48 Days.—Oak trees may be Oak trees, but woodmen know that there yet remains much choice among them, and just so with Extra Early Peas. A critical gardener wants the best strain as respects earliness, size of pods, flavor, uniformity of ripening, vigor, and habit of the plant. All these desirable qualities can be obtained in the strain sold as Landreths' Extra Early. Pkt. 10 cts.; pt. 25 cts.; qt. 50 cts.; pk. \$2.50; bu. \$9.00.

LAXTONIAN.—Similar to the Gradus but matures a few days earlier. Is very productive, grows about 15 inches high and has large handsome pods. Though considered a second early variety the quality is good and it is one of the best for either home use or market. Pkt. 10 cts.; pt. 25 cts.; qt. 50 cts.; pk. \$3.00; bu. \$11.00.

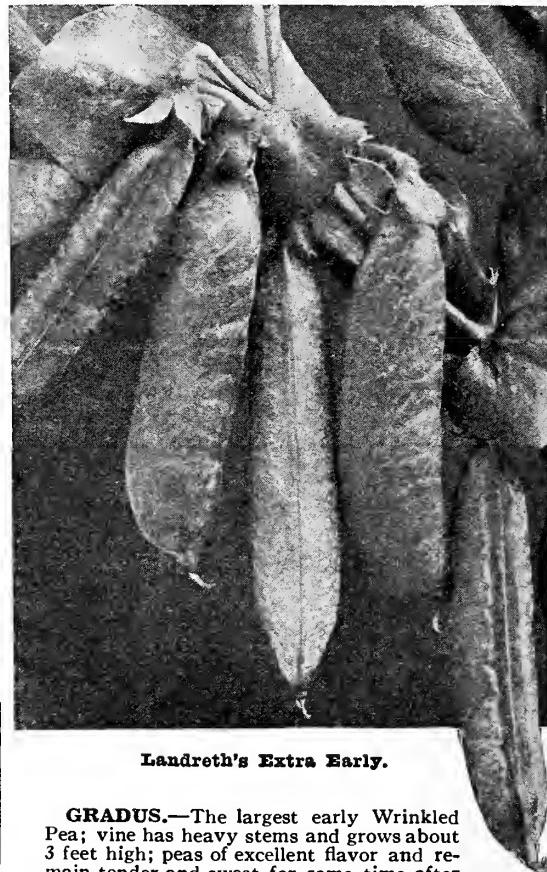
CULTURE.—The Extra-Early or Smooth varieties are very hardy, and can be planted as early in the spring as the ground can be cultivated, while the Wrinkled varieties should not be planted until later. Peas thrive best when planted in light, rich, loamy soil. Plant in rows about 3 feet apart, and cover 3 to 4 inches. Keep well cultivated until 6 inches high, then stake the tall-growing varieties with brush. Peas should be planted at intervals of two weeks to give a continuous crop. One pound will sow about 100 feet of row; about 100 pounds to the acre.

FIRST AND BEST or MORNING STAR.—About 50 days to edible condition. A white extra early. Very fine flavor. Height of vine 30 to 36 inches. Very prolific. Pods 2½ to 2¾ inches long, containing 5 to 6 good flavored Peas to the pod. Pkt. 10 cts.; pt. 25 cts.; qt. 50 cts.; pk. \$2.50; bu. \$9.00.

ALASKA.—One of the best Extra-Early Peas; very productive and salable; desirable for canning on account of its pale green color. Pkt. 10 cts.; pt. 25 cts.; qt. 50 cts.; pk. \$2.50; bu. \$9.00.



Early Bird.



Landreth's Extra Early.

GRADUS.—The largest early Wrinkled Pea; vine has heavy stems and grows about 3 feet high; peas of excellent flavor and remain tender and sweet for some time after they are large enough for use. Best second early for family use. Pkt. 10 cts.; pt. 25 cts.; qt. 50 cts.; pk. \$3.00; bu. \$11.00.

LITTLE MARVEL—64 Days.—About 64 days to maturity. Vine strong, or stout, about 18 inches tall. Showy pods about 3 to 3½ inches long, blunt ended. Seed large, green, wrinkled. A very fine productive, dwarf, sturdy variety. Popular with the home gardener. Pkt. 10 cts.; pt. 25 cts.; qt. 50 cts.; pk. \$3.00; bu. \$11.25.

NOTT'S EXCELSIOR.—About 60 days to edible condition. An improvement on the American Wonders. Vines almost identical. One of the best early dwarf, wrinkled sorts, vines about 12 inches high, producing a good crop of well-filled pods about 2¾ inches long, containing 5 to 8 very sweet Peas. Seeds green, wrinkled square at ends like American Wonders. Pkt. 10 cts.; pt. 25 cts.; qt. 50 cts.; pk. \$3.00; bu. \$11.00.

LUSCIOUS SUGAR.—Pkt. 10 cts.; pt. 25 cts.; qt. 50 cts.; pk. \$3.00.

*Balderson Company's Seeds
Are Thoroughly Tested
and Produce
Better Results.*

PEPPER

CULTURE.—To make early pepper sow in boxes inside or under glass in February or March, and transplant, after danger of frost, in rows 3 feet apart, setting plants 18 inches apart in the row, or for later seed can be sown outside and transplanted as above. Pepper should be well cultivated and fertilized freely. 1 oz. of seed will produce about 1,200 plants.

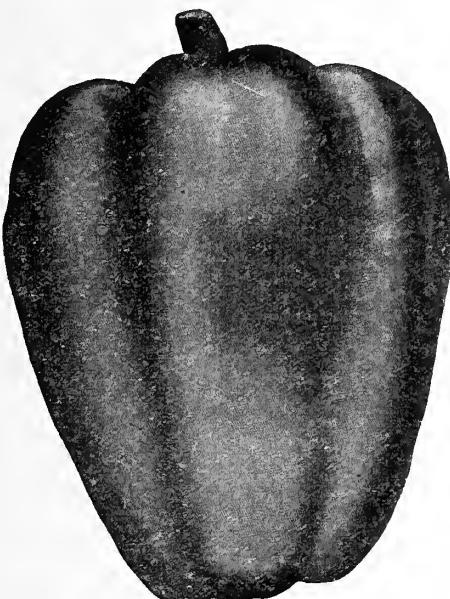
RUBY KING.
Bright ruby red, very mild and pleasant. A splendid Pepper, and a great improvement over Ruby King; makes a stronger and more vigorous plant, and produces peppers abundantly, large and solid, uniform in shape and very sweet. A splendid Pepper for salad and stuffing. Pkt. 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

CHINESE GIANT.—This is the largest and finest mild red Pepper. It is very productive, plants are vigorous in growth, of stocky habit, about 2 feet high, well branched and thickly set with fruit, which hangs in clusters. The flesh is extremely mild, as sweet as an apple, and very thick. Pkt. 10 cts.; oz. 60 cts.; $\frac{1}{4}$ lb. \$2.00; lb. \$7.00.

LARGE BELL or BULL NOSE.—An old standard sweet pepper. Ripens early and uniformly. Flesh of excellent quality and largely used in salads. Pkt. 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.



Hollow Crown Parsnips.



Ruby King Pepper.

PIMENTO.—This is the mildest-flavored of all Peppers, is entirely free of the pungent flavor which so many consider undesirable; it is heart-shaped, perfectly smooth, bright scarlet color and very productive. Pkt. 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

LONG RED CAYENNE—Long, bright red pods; hot; most popular for seasoning. Pkt. 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

PARSNIP

IMPROVED SUGAR or HOLLOW CROWN.—This is the standard and best variety; grows smooth, is tender and of good flavor. Can be sown from early spring until the middle of June in rows 18 inches apart and plants thinned to 5 inches. Parsnips should be grown in rich, deep, sandy loam soil. One ounce will sow about 200 feet of row; 5 pounds to acre. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. 90 cts.

BLOOMSDALE — 80 Days.—The Bloomsdale is the best-bred and handsomest parsnip to be found. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. 90 cts.

PARSLEY

CULTURE.—Sow in March or April in drills 12 ins. apart, covering the seed about $\frac{1}{4}$ inch. As the seed are slow to come up, they should be soaked for a few hours before sowing to hasten germination. One ounce will sow about 150 feet of row.

CHAMPION MOSS CURLED.—Leaves of this variety are beautifully curled and crimped; best for garnishing, and also makes fine borders. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.00.

PLAIN PARSLEY—This is harder than the Curled variety, and stronger flavored, dark green; used for flavoring soups, etc. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 40 cts.; lb. \$1.25.

FINE CURLED OR DOUBLE—70 Days.—A well selected sort, as good as any. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.00.

PUMPKIN

Pumpkins are easy to raise and are very valuable for hogs, cattle and poultry, as well as for table use, and should be more generally grown. When properly cared for and kept in a cool dry place and not allowed to sunburn or bruise will keep indefinitely. Every farmer should grow pumpkins.

Plant in May and June in rich hills 8 feet apart. When vigorous thin to three plants to the hill. May be planted in corn. One ounce to 20 hills; 3 pounds to the acre.

CONNECTICUT FIELD or BIG TOM—70 Days.—A large rich, smooth, orange yellow, slightly oval or cylindrical fruit. Very productive. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. 75 cts.

LANDRETH'S CHEESE.—About 65 days. An excellent kitchen variety. Shape flat like a cheese box. Outside color lemon, no stripes, a fine keeper. Often 15 inches across the top and 6 to 7 inches thick, top and bottom indented. We can say without hesitation there is no stock in the market equal to the Cheese Pumpkin we are offering. Don't confuse this stock with the Kentucky Field offered by many houses as Cheese. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. 85 cts.

KENTUCKY FIELD.—About 65 days. A large very poorly selected stock of our famous Cheese Pumpkin of several variations of shape. Some fruit very much like a round Watermelon, others big as a nail keg. Color a light golden cream. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.

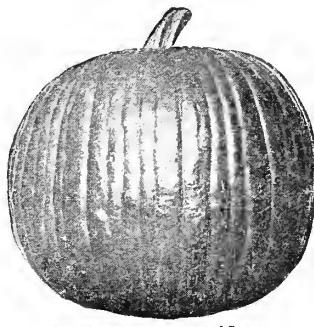
YELLOW CUSHAW.—About 90 days. Our stock of this cannot be exceeded by any. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 40 cts.; lb. \$1.25.

RHUBARB

VICTORIA.—Easily grown, plants to be thinned out to ten inches; if to be transplanted to a new location, set them out eighteen inches apart. Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 60 cts.; lb. \$2.00.

ROOTS

\$1.25 per doz.; \$9.00 per hundred, express collect.



Connecticut Field or Big Tom Pumpkin.

SQUASH, or CYMLING



Balderson's Early White Bush.

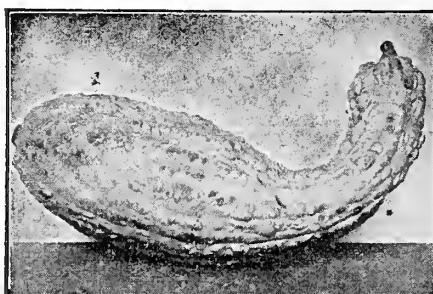
CULTURE.—Plant in hills, in rich, soft, loamy soil, after danger of frost is past. The hills should be well fertilized and 8 to 10 seeds planted to the hill and later thinned to three plants. The Bush variety should be planted 5 feet apart and the Running varieties 8 feet. One ounce will plant about 25 hills; 3 pounds to the acre.

GOLDEN HUBBARD—70 Days.—Similar in shape to the Green Hubbard, only earlier. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 40 cts.; lb. \$1.50.

BENNING WHITE BUSH.—Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 50 cts.; lb. \$1.50.

BALDERSON'S EARLY WHITE BUSH SQUASH.—See High Grade Specialties, page 5.

GIANT SUMMER CROOKNECK—Bush very prolific; profusely warted; bright yellow squash of good flavor. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.



Giant Summer Crookneck.

BOSTON MARROW.—Oval; flesh orange color, fine-grained; cooks rich and dry; keeps well. Running variety. One of the best for winter. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

HUBBARD SQUASH.—A running winter Squash, of first-class quality and a splendid keeper. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

RADISH

CULTURE.—Sow in drills very early in the spring, and later for a succession at intervals of ten days. Must have very rich soil, plenty of moisture, light and ventilation to insure quick, rapid growth. For very early, sow in hotbeds. One ounce to 50 feet of row; 10 pounds to the acre.



Scarlet Globe.

and a beautiful variety. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 85cts.

15 DAY SCARLET.—A fine brilliant scarlet Turnip-shaped bulb, which has very small tops. A most desirable variety for forcing. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 85 cts.

GOLDEN GLOBE.—About 30 days. This is a very fine Radish for summer. Shape globular, color of outside skin amber, flavor mild, keeping long in edible condition without getting pithy. About 2 inches thick and 2 $\frac{1}{4}$ inches in diameter. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 85 cts.

FRENCH BREAKFAST.—About 22 days. Olive shaped. Upper part of bulb bright scarlet with white $\frac{1}{3}$ of the way up from the bottom. An excellent variety for the private garden. About 1 $\frac{1}{2}$ inches long and $\frac{1}{4}$ inch in diameter. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 85 cts.

EXTRA-EARLY SCARLET, or RED TURNIP.—Small, round, crisp, tender; tops small; grows very rapidly. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 85 cts.

CRIMSON GIANT GLOBE.—A large, early variety; foliage is small, and can be planted close. Valuable for the early market. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 85 cts.

LONG SCARLET SHORT TIP.—Long, bright scarlet; fine for forcing. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 85 cts.

WHITE STRASBURG.—Large, long, solid; one of the best for summer use. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 85 cts.

CINCINNATI MARKET.—About 35 days. This Radish is a selection from Woods Early Frame. A decided improvement. Scarlet four fifths of the length, one fifth at the point being white. It is long, slim transparent, about 6 to 7 inches long. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 85 cts.

ROUND BLACK SPANISH.—About 60 days. A fine round or top-shaped, black skinned Winter Radish sometimes 2 to 3 inches in diameter. Skin almost black, flesh pure white. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

LONG BLACK SPANISH.—About 70 days. Roots 8 to 10 inches long and 1 $\frac{1}{2}$ to 2 inches in thickness. Outside skin black. A very hardy winter Radish and particularly desirable. Flesh pure white and of good texture. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.00.

ROSE CHINA WINTER.—Rose-colored; flesh white; cylindrical; one of the best winter Radishes. Pkt. 10 cts.; oz. cts.; 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

SPINACH

CULTURE.—For summer use sow early in the spring in good fertile soil in drills 18 inches apart, covering the seed 1 $\frac{1}{2}$ inches. For winter and spring use sow from August to November. One ounce of seed will sow 100 feet of row; 20 pounds to the acre.

NORFOLK SAVOY, or BLOOMSDALE.—This is decidedly the most popular variety for both spring and fall sowing. Very early hardy curled leaves. Pkt. 10 cts.; $\frac{1}{4}$ lb. 15 cts.; lb. 40 cts.

NEW ZEALAND.—This is an all-summer variety, growing luxuriantly in the hottest weather, but will not stand the winter as it is killed by frost. It can be cut, and it comes again. A few plants furnish the finest flavor "greens" all summer for an average family. Sow seed in March or April where the plants are to remain. This variety should be in every Southern garden, as an all-summer vegetable. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.

SALSIFY, or OYSTER PLANT

MAMMOTH SANDWICH ISLAND—The largest and best variety. Sow in March or April in 18-inch drills. Thin to six inches apart. Soil must be deep, light, rich and fine. One ounce to 50 feet; 8 pounds to the acre. Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 60 cts.; lb. \$2.00.



Sandwich Island Salsify.

TOMATO



Bonny Best.

CULTURE.—To have plants ready for setting as soon as danger of frost is past, sow the seed inside in boxes or under glass about 6 weeks before the time desired to set them out. After the weather turns warm, transplant, and set in raised hills about 4 feet each way. Fertilize well and cultivate as long as possible. To make very early Tomatoes, grow the plants in small pots and transplant to larger pots as the plants grow, until the weather is warm enough to set outside. One ounce of seed will produce about 1,500 plants.

ACME.—One of the earliest and best purple sorts, of medium size, perfectly smooth, very solid and a great bearer; crimson color with pinkish cast. Pkt. 10 cts.; oz. 40 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00.

CHALK'S EARLY JEWEL.—An extremely early variety of brightest scarlet color, deep fruited, very hardy and solid, with few seeds and of excellent flavor. The popular early variety. Pkt. 10 cts.; oz. 40 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00.

MATCHLESS.—One of the best main-crop tomatoes. The solidity, absence of core, size and color of the fruit, together with its freedom from rot, all unite in making this well worthy of the name of "Matchless." Fine both for private and market gardening and canning. Pkt. 10 cts.; oz. 40 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00.

GREATER BALTIMORE.—An excellent main crop sort, producing large, solid smooth fruit of a brilliant red color. It ripens evenly to the stem and is entirely free from ridges. Used extensively by canners. Pkt. 10 cts.; oz. 40 cts.; $\frac{1}{4}$ lb. \$1.25; lb. \$4.00.

EXTRA EARLY SUNRISE.—Early: So named as it is undoubtedly the earliest of all field sorts, 20 days earlier than Earliana. Vine: Small compact vine which can be set one foot each way nearer than the ordinary sorts. Foliage: Quite small. Fruit: Fruit in the center of the vine, color red, shape flat, smooth skinned. Product: Averaging 10 tons to the acre where other sorts will only average half that amount. Pkt. 25 cts.; oz. \$2.50; lb. \$20.00.

JUNE PINK.—About 90 days. The earliest pink variety on the market. In reality, it is simply a pink form of Earliana and has all the characteristics of Earliana. Fruit solid and borne in profusion. Pkt. 15 cts.; oz. 40 cts.; $\frac{1}{4}$ lb. \$1.25; lb. \$4.50.

EARLIANA.—About 90 days. The earliest, large, red, smooth Tomato on the market today. Vines healthy, foliage small, very productive. Fruit bright scarlet, nearly round, medium size. Used extensively by canners for their early product; most exclusively in New Jersey, for the early market trade. The vines of this variety very often are dead in the middle Atlantic States by September 1st. Pkt. 10 cts.; oz. 40 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00.

BONNY BEST.—An extra-early, large, smooth, bright red Tomato; a heavy yielder; good market variety. Pkt. 10 cts.; oz. 40 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

JOHN BAER.—An extra-early, large and smooth, solid, bright red Tomato. This is the earliest large, solid Tomato grown, and has proven a most profitable early market variety. Pkt. 10 cts.; oz. 40 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

LIVINGSTON'S BEAUTY.—Large, solid, smooth, purplish-pink; an old favorite. Pkt. 10 cts.; oz. 40 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00.

BALDERSON'S STONE.—Large, bright scarlet, firm, uniform, hardy; an excellent shipper; one of the best for the late crop and canning purposes. Pkt. 10 cts.; oz. 40 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00.

PONDEROSA.—A very large and handsome bright red Tomato, and especially adapted to family use. Pkt. 10 cts.; oz. 40 cts.; $\frac{1}{4}$ lb. \$1.50; lb. \$6.00.

BALDERSON'S MARGLOBE TOMATO.—See High Grade Specialties, page 6.

TURNIP

CULTURE.—Sow Rutabagas from June to August in drills 3 feet apart; thin out to 6 ins. Sow Turnips from July to October for Turnips and Salad; 1 to $1\frac{1}{2}$ pounds per acre in drills, $1\frac{1}{2}$ to 2 pounds broadcast. For Salad 3 to 4 pounds broadcast. Can be sown in spring for summer use.

IMPROVED RED-TOP WHITE GLOBE.—The most popular Turnip for market and table use. Many Turnips have been produced from our seed weighing over 8 pounds each. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 65 cts.

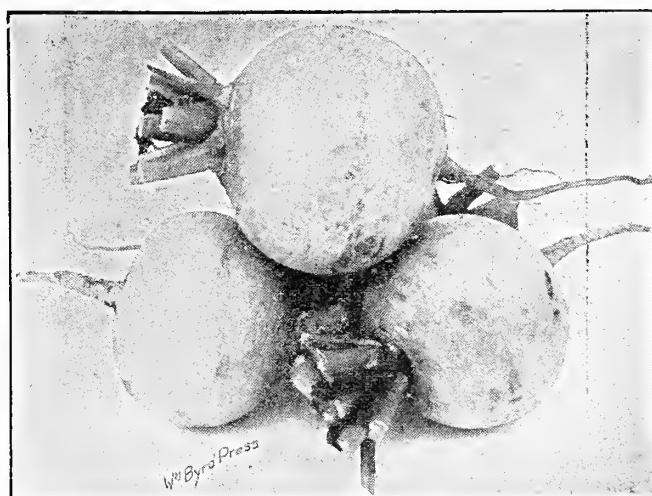
YELLOW ABERDEEN.—A splendid yellow flesh turnip for winter as it keeps well; hardy, tender and sweet. A good turnip for stock. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 65 cts.

AMBER GLOBE.—Reliable main-crop variety for stock or market. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 65 cts.

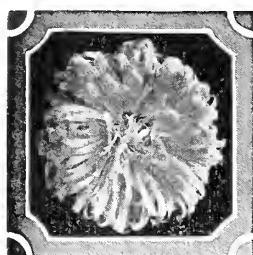
SEVEN TOP.—Recommended for salad only, roots being of very little value; very hardy. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 65 cts.

IMPROVED PURPLE-TOP YELLOW RUTABAGA.—Best Rutabaga for both table and stock feeding. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.

EARLY FLAT RED OR PURPLE TOP STRAP LEAF.—50 days. This is a very early flat Turnip with a red or purple crown. Used extensively for cattle feeding as well as for the table. Roots flat, about 2 inches in diameter, flesh white. One of the most used Turnips today. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 65 cts.



Improved Red Top White Globe.



All flower seeds priced at: 10-cent packets are 3 for 25 cts., or 13 for \$1.00, postpaid—Your own selection.
Prices for larger quantities furnished on request.

We have endeavored to make our list of flower seed as complete as possible by a judicious selection of the best sorts, so that our customers would not get bewildered among a labyrinth of varieties, many of which are of no special merit.

We do not index our different varieties of Flower Seeds, but all varieties are arranged alphabetically, and can, therefore, be easily found. The Letter "A" after the name of the Flower indicates that the Flowers are annuals and blossom only the first year it is planted, and the seed should be planted each year. The letter "P" indicates that the variety is a perennial and comes up and blossoms for several years after sowing. Cultural directions are printed on each package. **For Climbing Vines and Flowers, see page 26.**

ACROCLINIUM—Everlasting (A)

A very pretty, half-hardy annual, producing white and rose-colored double daisy-like flowers, about $1\frac{1}{2}$ inches in diameter. These are the "Immortelles," so desirable for wreaths and winter bouquets. Height 15 inches.

Double Mixed Colors.—Pkt. 10 cts.; $\frac{1}{4}$ oz. 20 cts.

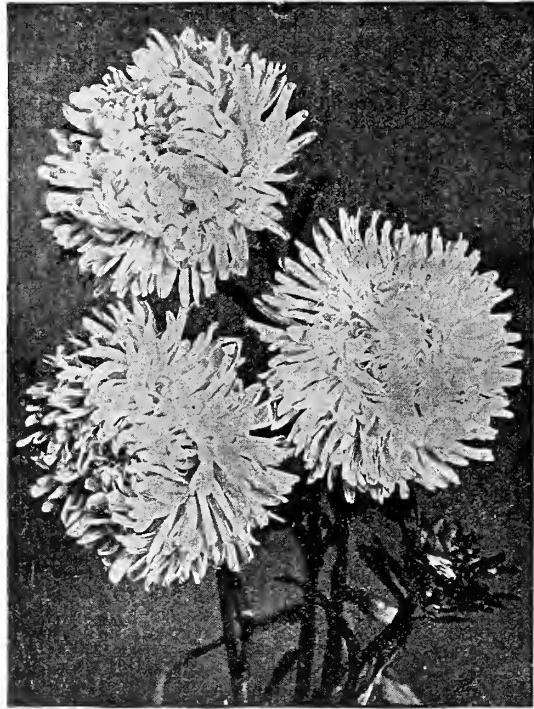
ALYSSUM (A)

A hardy annual, which begins to flower when very young, and is literally covered nearly all the season with its sweet white flowers. It is especially adapted to borders or for rock work in the summer, and may be used effectively in window boxes for winter blooming. Pkt. 10 cts.; $\frac{1}{4}$ oz. 40 cts.

AGERATUM (A)

A beautiful hardy annual. The flowers are borne in dense clusters, and are very attractive in the garden, being covered with bloom nearly all summer.

Mixed Colors.—Pkt. 10 cts.; $\frac{1}{4}$ oz. 50 cts.



Asters.

AMARANTHUS (A)

These plants afford brilliant contrasts of color, being useful for tall borders and groups also where foliage effects are desired. The leaves and stems are different shades of red blended with green. Two to three feet high. Pkt. 10 cts.; $\frac{1}{4}$ oz. 30 cts.

ASTERS

Chrysanthemum-like flowers not surpassed in beauty by any plant. They vary in color from a delicate pink and white to deep reds and purples. The plants thrive best in rich soil, but with sufficient moisture will give satisfaction in almost any garden plot, and blossom in profusion for 90 days or till killed by frost. Pkt. 10 cts.

AMERICAN BRANCHING ASTERS

Flowers large and double. Handsome double flowers borne on long stems, a free brancher and unsurpassed in merit. Autumn sorts unsurpassed. Thirty inches tall.

Crimson.—Fringed with carmine. Pkt. 10 cts.; $\frac{1}{4}$ oz. 30c.

Lavender.—Very large, showy. Pkt. 10 cts.; $\frac{1}{4}$ oz. 30c.

White.—Exceedingly delicate. Pkt. 10 cts.; $\frac{1}{4}$ oz. 30c.

Fine Mixed.—Pkt. 10 cts.; $\frac{1}{4}$ oz. 30c.

ANTIRRHINUM—Snapdragon (A)

Well known, showy and useful border plants, producing flowers of a great variety of brilliant and handsome colors. Very effective in beds, succeeding in any good harden soil. They are also very desirable for cutting, as the spikes of bloom are borne well above the dark glossy leaves, and keep fresh for a long time.

Fine Mixed.—Pkt. 10 cts.; $\frac{1}{4}$ oz. 40c.

AQUILEGIA—Columbine (P)

Grows about 2 feet high and bears a great variety of colors on long, smooth stems. Easy to grow. Pkt. 10 cts.; $\frac{1}{2}$ oz. 50c.

BACHELOR'S BUTTONS—Globe Amaranth (A)

A well-known and popular everlasting flower, which forms bushy plants about 2 feet high and bearing sometimes hundreds of flowers. Excellent as border plants, and very useful for winter decorations. If cut when well matured will retain their beauty throughout the winter.

Mixed.—Pkt. 10 cts.; $\frac{1}{4}$ oz. 30 cts.

BALSAM—Touch-Me-Not (A)

Also known as "Lady Slipper." A tender annual with brittle stems and foliage. Grows about 12 inches high. Flowers both single and double, in bright colors and variations; are wax-like and very attractive.

Double Mixed.—Pkt. 10 cts.; $\frac{1}{4}$ oz. 50 cts.

CALENDULA—Pot Marigold (A)

Very hardy annual, one foot high. Has showy flowers blooming until frost and producing a fine effect in borders. Of easy culture and is desirable for rather inferior soils, where less sturdy flowers do not thrive.

Mixed Varieties.—Pkt. 10 cts.; $\frac{1}{2}$ oz. 50 cts.

CALLIOPSIS, or COREOPSIS (A)

Finest Double Mixed Varieties.—Beautiful, showy summer bedding annuals, with large, bright flowers of golden yellow, variegated with rich brown. Excellent for cutting and decorations. Pkt. 10 cts.; $\frac{1}{4}$ oz. 40 cts.

CANDYTUFT (A)

Popular favorites, flowering profusely the whole summer. Very valuable for edgings and borders, fairly covered with masses of white and various colors. Height 1 foot. Of easy culture.

Fancy Mixed.—Pkt. 10 cts.; $\frac{1}{4}$ oz. 25 cts.

CANTERBURY BELLS—Campanula. Cup and Saucer (A)

A handsome, hardy biennial of stately growth, rich color and profuse bloom. Succeeds best in light, rich soil, and in the fall should be transplanted or thinned to 18 inches or 2 feet apart and given some protection in severe winter weather. Has large bell-shaped flowers, which are strikingly effective. Colors white and various shades of violet, rose, lilac and blue. Height 2 to 4 feet. One of the wild forms of Campanula is the "Blue Bells of Scotland."

Single Mixed.—Pkt. 10 cts.; $\frac{1}{4}$ oz. 50 cts.

CARNATIONS

These well-known flowers are easily grown from seed, and very free blooming, the flowers being bright-colored and with a most delicious clove-like fragrance. Excellent bloomers in the garden or winter flowering. Pkt. 5 and 10 cts.

Marguerite—An extra-vigorous race, especially adapted for out-of-door culture. The plants are trim in habit, perpetual and flower abundantly in 5 months from sowing the seed. Highly fragrant, beautiful double flowers. Pkt. 10 cts.; $\frac{1}{4}$ oz. 40c.

CELOSIA—Cock's Comb (A)

A half-hardy annual, growing 6 to 8 inches high, bearing a wide wavy blossom that resembles a cock's comb. Fine for massing or border work.

Finest Varieties Mixed—Pkt. 10 cts.; $\frac{1}{4}$ oz. 40 cts.

CENTAUREA CYANUS—Corn Flower (A)

Also known as "Blue Bottle" and "Ragged Sailor." This old-fashioned flower is still a favorite for cutting, is of easy culture and blooms freely from July until fall. All colors mixed. Pkt. 10 cts.; $\frac{1}{4}$ oz. 30 cts.



Candytuft.

CHRYSANTHEMUM (A)

These annual Chrysanthemums have a charm of their own. The blooming season is from very early summer until frost, and their gay colors make beds or borders attractive during those hottest weeks of summer when flowers are apt to be scarce.

Double Mixed Varieties—Pkt. 10 cts.; $\frac{1}{4}$ oz. 40 cts.

Single Mixed Varieties—Pkt. 10 cts.; $\frac{1}{4}$ oz. 30 cts.

COSMOS (A)

These well-known flowers are of easy culture and are almost indispensable for cutting and garden decorations, their lovely blossoms being produced in greatest profusion after most other flowers have succumbed to frost. Few flowers have grown more into popularity in late years than the Cosmos, and we recommend them to all wanting large plants in their gardens.

Early Flowering, Dwarf Mixed—White ground, flushed with delicate pink; a decided acquisition to this class. Pkt. 10 cts.; $\frac{1}{4}$ oz. 25 cts.

Mammoth Perfection, Mixed.—Flowers of perfect form, great size and beauty. Mixed in same packet. White, crimson, dark pink, white tinted rose. Pkt. 10 cts.; $\frac{1}{4}$ oz. 30 cts.

DAHLIA (A)

The Dahlia has always been a favorite for autumn flowering. The flowers are so symmetrical and perfect and the range of colors so large and varied that they will always be popular where display is wanted. Both the single and double strains of this popular flower may be had in the greatest variety and beauty from seed. If planted early and given protection in the spring they can be made to flower the first season. During the winter the roots can be taken up and stored out of reach of the freezing weather and replanted the following spring. Pkt. 10 cts.; $\frac{1}{4}$ oz. \$1.00.



Celosia—Cockscomb.

DAISY (P)

These are charming little plants for edging and borders. The Daisy has been so far improved by selection and careful cultivation that good seed will give at least 80 per cent of double flowers that are as large as any of the named sorts that are propagated by the division of the roots, and are sold at high prices. The plants bloom well in the house and are splendid for early spring and summer flowering when planted in a slightly shaded situation. Tender perennials. 6 inches high.

Mixed Varieties—Pkt. 10 cts.; $\frac{1}{4}$ oz. 75 cts.

DIGITALIS, or FOX GLOVE (P)

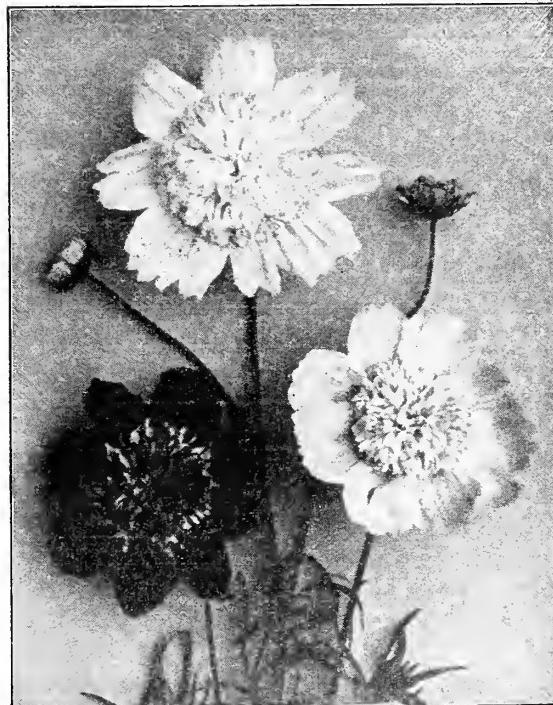
A stately old-fashioned border plant, affording dense spikes of brilliant-colored flowers, which are terminal and half as long as height of plant. Colors white, lavender and rose. Does not usually bloom until the second year. Thrives best in cool, shady locations.

Fine Mixed—Pkt. 10 cts.; $\frac{1}{4}$ oz. 35c.

DIANTHUS, or PINKS (P)

These popular flowers, commonly known as Chinese and Japanese Pinks, have been for a long time very popular, and deservedly so. In diversity of rich and beautiful markings they have but few rivals, and in case of culture, freedom of bloom and almost certain satisfactory results they stand close to the Nasturtium. Hardy biennials, blooming the first year from seed. So easily grown from seed as to be rarely treated as biennials. Seed may be sown in the open ground any time in May.

Mixed, China Pink, Japan Pink—Pkt. 10 cts.; $\frac{1}{4}$ oz. 35 cts.



Crested Cosmos.

FORGET-ME-NOT—Myosotis (P)

The favorite old border plant that succeeds best in moist situations. It comes into bloom early and the little star-shaped flowers appeal to every heart. Hardy perennials. Pkt. 10 cts.; $\frac{1}{4}$ oz. 30 cts.

FOUR O'CLOCK—Marvel of Peru (A)

A well-known favorite plant, bearing freely funnel-shaped white, red and striped flowers, which open about four o'clock in the afternoon, remaining open all night; and usually are closed before noon the next day. Sow seed in spring in open ground in any good garden soil. The plants should be given plenty of room, about three feet apart.

Mixed—Pkt. 10 cts.; $\frac{1}{4}$ oz. 55 cts.

GAILLARDIA (A)

A very showy, hardy, garden plant, with brilliant flowers in scarlet and yellow, blended and shaded. Blooms freely from early summer till autumn. Grows one and one-half to two feet high, and the blossoms are borne on long, slender stems.

Mixed—Pkt. 10 cts.; $\frac{1}{4}$ oz. 30 cts.

GOMPHRENA (Globe Amaranth)

Also called "Bachelor's Buttons." A showy annual everlasting. All colors. 2 feet.

Mixed—Pkt. 10 cts.; $\frac{1}{4}$ oz. 20 cts.

GYPSOPHILA (Baby's Breath)

Pretty, free-flowering plants of easy culture; excellent for cutting to mix with other flowers. 2 feet. Pkt. 10 cts.; $\frac{1}{2}$ oz. 60 cts.

HELICHRYSUM MONSTROSUM (Strawflower)

One of the best and most popular of the everlasting flowers; large double flowers. 2 feet. Pkt. 10 cts.; $\frac{1}{2}$ oz. 35 cts.

HELIOTROPE (P)

The delicate tinted and fragrant blossoms of this beloved little flower are so well-known that any attempt at description would be superfluous. It is adapted to both bedding and house culture, requiring little attention. By sowing indoors early in the spring and transplanting into small pots the plants may be made so strong and stocky that they will be in full bloom soon after being set in the garden.

Zonale Mixed—A superb strain of the largest and finest varieties. 1 to 2 feet. Pkt. 10 cts.

Choice Varieties Mixed—Pkt. 10 cts.; $\frac{1}{8}$ oz. 40 cts.

HIBISCUS (A)

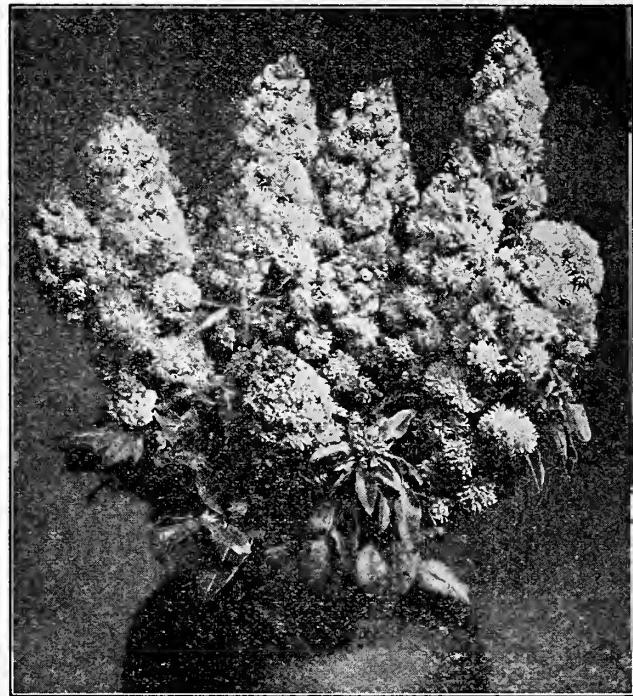
Africanus—A free blooming flower of easy culture, producing flowers of large size, 3 to 4 inches across. White with black center. Very desirable for mixed beds or borders. Pkt. 10 cts.; oz. 75 cts.

HOLLYHOCK (P)

For a back ground to a flower garden, nothing is better than this tall, old-fashioned garden favorite. The large, richly colored blossoms, about 3 inches across, ranging from deep yellow and red to pure white, are set as rosettes around the strong growing flower stalk. The Hollyhocks of to-day is entirely different and more beautiful than the plant of years ago, being much more compact in growth, the flowers larger, more richly colored and of better form. Sow the seed in May or June,



Dianthus, or Pinks Double Mixed.



Mignonette.

in open ground, and in the autumn, when the plants have made five leaves, transplant to permanent position 2 or 3 feet apart. The following summer they will bloom.

They grow to a height of 5 ft., and if the stalks show a disposition to fall, tie stakes to them to hold them up. The Double Hollyhock are the most desirable.

Fine Double Mixed—White, red, crimson, yellow. Pkt. 10 cts.; $\frac{1}{4}$ oz. 45 cts.

Single Mixed—Pkt. 10 cts.; $\frac{1}{4}$ oz. 40 cts.

KOCHIA (Summer Cypress or Mexican Fire Bush)

Pkt. 10 cts.; $\frac{1}{4}$ oz. 20 cts.

LARKSPUR (A)

The Larkspur is one of the handsomest and most useful of plants. The colors are extremely beautiful and in mixed borders its profuse masses of purple, white and red, show splendidly and for large gardens is invaluable.

Mixed—Pkt. 10 cts.; $\frac{1}{4}$ oz. 30 cts.

LOBELIA

No garden is complete without an edging of blue Lobelia and for a long season of bloom there is nothing that can take its place; also desirable for pots, hanging baskets, etc. Large pkt. 10 cts.; $\frac{1}{4}$ oz. 50 cts.

MARIGOLD (A)

A hardy annual, shrubby plant, in dwarf and tall varieties, growing from 6 inches to 3 feet high. Foliage bright green, deeply cut, and graceful. The flowers are various shades of yellow and brown. The tall varieties are very valuable for large bedding or background work, and the dwarf varieties for borders. No flower garden seems complete without this fine old-fashioned plant.

Mixed—Pkt. 10 cts.; $\frac{1}{4}$ oz. 25 cts.

MIGNONETTE (A)

This popular little flower is well-known as one of our most fragrant plants, and a universal favorite. If sown at intervals in spring and early summer it will bloom until killed by frost. Thrives best in a cool temperature.

Mixed—Pkt. 10 cts.; $\frac{1}{4}$ oz. 50 cts.

MORNING GLORY**Large-Flowering Varieties**

Convolvulus—The Convolvulus Major is an annual of rapid growth; large flowers of many colors; suitable for porches or arbors, blooming in July and constantly till frost. Pkt. 10 cts.; $\frac{1}{4}$ lb. 40 cts.

MYOSOTIS (Forget-Me-Not)

Beautiful, half hardy perennials blooming the first year from seed, succeeding best in moist shady situations. Sown in the spring they will flower in the fall; if wanted for early spring flowering seed should be sown in frames in July or August. Pkt. 10 cts.; $\frac{1}{4}$ oz. 35 cts.



Pansy.

NASTURTIUM (A)

Probably the most popular and easily grown flower in our list, and remains longer in bloom. In favorable soil the flowers are produced in abundance during the season. Nasturtiums prefer dry, rather rocky soil, such as we usually call "poor" soil, and bear their flowers in such locations in greater profusion than in a rich garden, where they run too much to leaves.

Dwarf Varieties Mixed—This mixture contains all of the choices and prettiest flowers of the Dwarf variety. The plants form a small round bush, 12 to 16 inches high, which is a mass of blooms all summer. Pkt. 10 cts.; oz. 15 cts.

Tall Varieties Mixed—This mixture contains all of the choicest and prettiest flowers of the tall variety, are of quick growth, covering a whole hedge or trellis in a short time. The brilliant blossoms almost cover the plant from top to bottom. Pkt. 10 cts.; oz. 20 cts.

PANSY (P)

No description is needed of these little favorites, and it would be hard to find a garden whose charm is not in a large measure dependent upon their marvelous coloring. Pkt. 10 cts.

Giant Trimardeau—Mixed colors. A distinct class of strong-growing plants bearing enormous flowers, often measuring over 3 inches in diameter. Pkt. 10 cts.; $\frac{1}{4}$ oz. 75 cts.

PHLOX DRUMMONDII (A)

One of the prettiest and most popular of garden annuals. Make very attractive beds, and continues to bloom throughout the summer. Sow in April in open ground, or can be started earlier indoors. Pkt. 10 cts.; $\frac{1}{4}$ oz. 35 cts.

POPPY (A)

Hardly any class of plants afford the same brilliant colorings and showy display. They are of easy culture, the seed being sown where they are to remain. Thin the plants 6 to 12 inches apart.

California Mixed—Pkt. 10 cts.; $\frac{1}{2}$ oz. 30 cts.

PETUNIA (A)

There is no bedding plant of easier culture than the Petunia, and few that make a gayer appearance when in full bloom. They are easily grown and very popular for bedding. They thrive best in a warm, sunny location. The shape of the flower is similar to that of the Morning Glory. Sow the seed thinly where the plants are to remain, or for early blooming sow in the house in boxes.

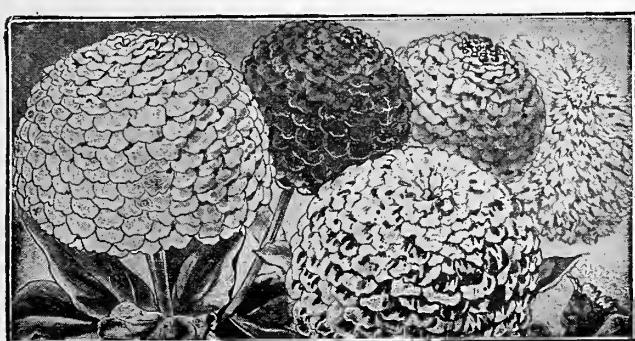
Single Mixed—Pkt. 10 cts.; $\frac{1}{4}$ oz. 60 cts.

PORTRULACA (A)

Low-growing or creeping tender annual, 6 to 8 inches high, and bearing glossy, cup-shaped blossoms in very brilliant and gorgeous colors. The seed germinates slowly and should be started under glass or when the weather is hot. These flowers love the sunshine and do best on rather dry ground. Pkt. 10 cts.; $\frac{1}{4}$ oz. 90 cts.

PYRETHRUM

Foliage sorts. Used for edging or ornamental beds; leaves finely cut. **Aureum** (Golden Feather)—Bright golden yellow foliage. 8 inches. Pkt. 10 cts.; $\frac{1}{4}$ oz. 30 cts.



Zinnias.

RICINUS (Castor Oil Bean)

Large, rapid growing ornamental foliage plants; produce a fine effect in center of beds or singly on lawns. Pkt. 10 cts.; oz. 25 cts.

SALVIA SPLENDENS—Scarlet Sage (A)

A well-known favorite bedding plant which bears magnificent spikes of scarlet flowers from July to October. Although perennial, it blooms the first year from seed, and there is really no flower that can rival it in splendid color. Excellent for cutting. Pkt. 10 cts.; $\frac{1}{4}$ oz. 85 cts.

Bonfire—A fine variety, 3 feet high; forms a dense, compact bush. Brilliant scarlet. We especially recommend this sort of seed, which we grow on Bloomsdale 40,000 to 50,000 plants every year, each plant producing 300 to 400 spikes. 10 inches long. Pkt. 10 cts.; $\frac{1}{4}$ oz. 85 cts.

SCABIOSA (Mourning Bride)

Pincushion Flower—Known the world over as Mourning Bride; Is a well-known annual. Easy culture; blooms all the season. Fine for bouquets. 2 to 4 feet high. Pkt. 10 cts.; $\frac{1}{4}$ oz. 40 cts.

BEAN (Scarlet Runner)

A rapid climber, flowering profusely; grows 10 to 15 feet high.

Scarlet—Pkt. 10 cts.; oz. 15 cts.

SWEET SULTAN (Centaurea Moschata)

Mixed—Annual with fragrant flowers resembling a Centaurea. Pkt. 25 cts.; $\frac{1}{4}$ oz. 30 cts.

THUNBERGIA (Black-Eyed Susan)

Mixed—Rapid growing annual climbers, making a pretty vine for trellises, fences, rockwork, etc.; also for window boxes, hanging baskets and vases. Pkt. 10 cts.; $\frac{1}{4}$ oz. 40 cts.



Poppy.

SWEET WILLIAM (P)

A beautiful class of hardy free-blooming plants of extreme richness and diversity of colors. Produces a fine effect in beds or mixed flower borders. Pkt. 10 cts.; $\frac{1}{4}$ oz. 30 cts.

VERBENA (P)

These well-known flowers are splendid for beds or massing. Flowers of most brilliant colors, blooming from early summer till late in the fall. Verbena grown from seed are always thrifty and do not rust. Sow in April in open ground, or can be started earlier indoors.

Mammoth Flowered Mixed—This strain produces blooms of the most brilliant colors. Pkt. 10 cts.; $\frac{1}{4}$ oz. 40 cts.

VIOLETS (P)

Although these flowers do best when grown from cuttings, they grow readily from seed and produce very fragrant blossoms. Pkt. 10 cts.; $\frac{1}{4}$ oz. 60 cts.

WALLFLOWER (P)

This is a fine bedding plant, but it is more often grown as a pot plant and for this purpose is well adapted. The flowers are very fragrant and usually of various shades of yellow, brown and reddish brown. An old-fashioned flower—always popular. Sow early in the year in boxes and transplant. Pkt. 10 cts.; $\frac{1}{4}$ oz. 40 cts.

ZINNIA (A)

For gorgeous summer and fall display the Zinnia is unsurpassed, the flowers are perfectly double, resembling Dahlias, and almost every shade of color. For bedding and massing they are particularly suitable.

Robusta Grandiflora—Pkt. 10 cts.; $\frac{1}{4}$ oz. 50 cts.

Grandiflora—Pkt. 10 cts.; $\frac{1}{4}$ oz. 25 cts.

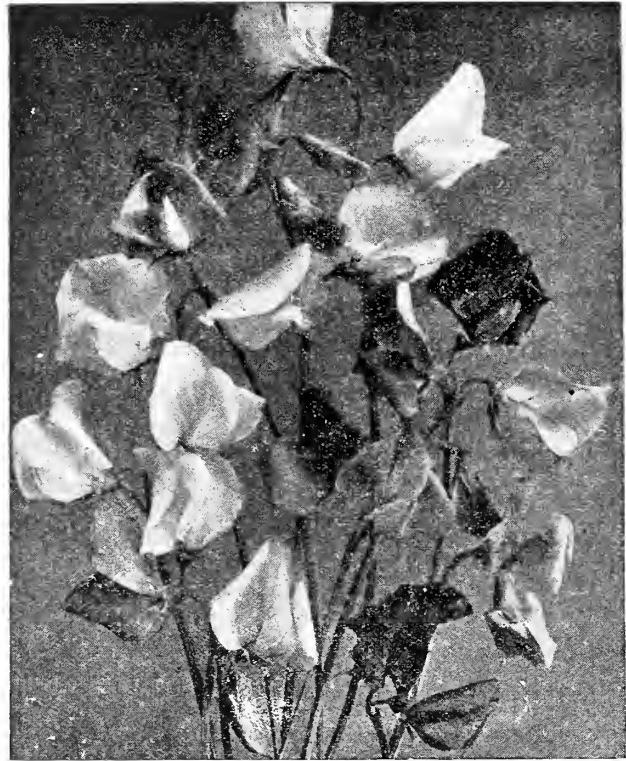
SWEET PEAS

These beautiful and fragrant flowers are becoming more popular each year, and should be grown in every vegetable and flower garden. They are hardy and easy to grow, and bloom profusely for many weeks if properly cultivated.

Sow in the spring as early as the ground can be worked, in rows 3 feet apart, and to get the best results they should be staked as they grow about 4 feet high. For very early blossoms sow in September or October and cover with straw or litter during the winter.

SPENCER SWEET PEAS

The Spencers are a race or type of Sweet Peas with extra large flowers, fully double the size of the older forms under good cultivation. The spencers have very long stems, and wavy and fluted-edged petals, which with their rich coloring give an almost orchid-like appearance. The



Spencer Sweet Peas.

Spencer type will not stand careless cultivation, but if you give them careful cultivation, they will fully repay you for the extra trouble by their exceptional size and beauty. Pkt. 10 cts.; oz. 20 cts.

SUPERB MIXED

This is the best possible mixture that can be made, combining carefully considered proportions. It comprises all of the finest new and large flowering varieties of every shade and color from pure white to dark maroon. Each is the very choicest of its class, grown separately and mixed by ourselves. It is the finest mixture possible and cannot be surpassed at any price. Pkt. 10 cts.; oz. 20 cts.

GENERAL LIST OF VINES, or CLIMBERS

This list comprises varieties which attain perfection the first season. A few of them require starting in the house, but the majority can be sown where they are to grow.

BALLOON VINE—Love-in-a-Puff (A)

A rapidly-growing climber of attractive foliage, and remarkable for the inflated membranous capsule seed pod from which the name Balloon Vine is derived. This peculiarity also suggests its other name of "Love-in-a-Puff." The flower is white and inconspicuous. Pkt. 10 cts.; oz. 25 cts.

BALSAM APPLE (A)

A very desirable climber, bearing large, prickly, pear-shaped yellow fruit, the flesh of which when kept in alcohol make a most effective pain-killer and healer of cuts, bruises, etc. Pkt. 10 cts.; oz. 70 cts.



Morning Glory.

CYPRESS VINE (A)

A tender, climbing annual, with soft fern-like foliage and small star-like flowers in red and pink or white which contrast most effectively with the graceful foliage. Height about 15 it. Pkt. 10 cts.; $\frac{1}{2}$ oz. 25 cts.

GOURDS (A)

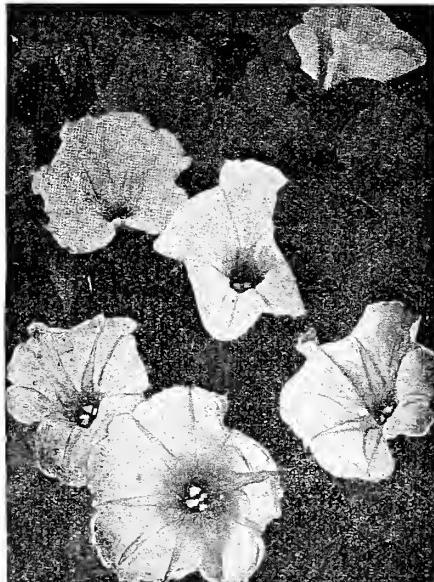
Climbers of rapid growth, which are well fitted for covering fences arbors, stumps, etc. The vines are of easy culture and make a rapid growth. The foliage is quite pretty and the fruits are very interesting in their various shapes. Pkt. 10 cts.; oz. 30 cts.

MOON FLOWER, or EVENING GLORY (A)

Beautiful rapid climbers, bearing large white flowers, 4 to 6 inches in diameter, which open in the evening and on cloudy days. Start the seed in the house and transplant when the weather is warm. Before planting, it is best to file a small hole in one end through the outer hull and soak for 36 hours in warm water to hasten germination. Pkt. 10 cts.; $\frac{1}{2}$ oz. 30 cts.

MORNING GLORY (A)

Imperial Japanese Morning Glory.—These are much the handsomest flowers in Morning Glories, of gigantic size, and in colors ranging from snow white to carmine, through every shade of blue and purple to nearly black also marble, striped and splashed sorts. The vine is not quite so vigorous a climber as the old-fashioned Morning Glory. Pkt. 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 40 cts.



Moon Flower.

IRIS GERMANICA (German Iris)

This group blooms in May with wonderful combinations of colorings; leaves broad, sword-like. We have an assortment of the best varieties.

	Mail Each	Doz.
Beethoven —Purple.....	\$0.25	\$2.50
Florentina Blue —Deep Blue.....	.25	2.50
Harlequin Malinais —White and violet-blue.....	.25	2.50
Lady Jane —Copper-rose colored.....	.25	2.50
L'Africain —Rose-purple.....	.25	2.50
President Thiers —Brown and white.....	.25	2.50
Roi des Belges —Red and purple.....	.25	2.50
Striata —Yellow.....	.25	2.50
Velveteen —White and yellow.....	.25	2.50
Viscount de Brabant —Yellow and white.....	.25	2.50
Mixed Varieties.....	.25	2.50

CANNAS (Dormant Roots)

Particularly handsome and useful for mass bedding or spacing out with other plants in borders. We consider the following among the best varieties and all give complete satisfaction.

	Each	Doz.
Hungaria —The finest pink grown, bluish green eaves.....	\$0.15	\$1.50
King Humbert —Rich orange scarlet, flaked carmine and rose bronze leaves are distinctively heart-shaped; 4 feet.....	.10	1.00
The President —Green leaves; flowers are round rich and firm, purest scarlet; height 3½ to 4 feet.....	.10	1.10



A Bed of Choice Peonies.

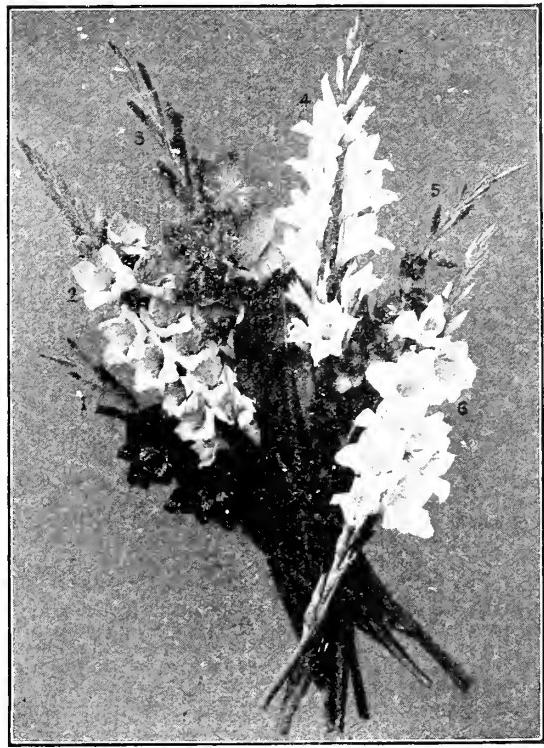
GLADIOLI**Valuable Cultural Hints for the Amateur**

Culture.—Gladioli will succeed in all kinds of soil, provided the location is a sunny one. Before spading or plowing, manure the ground thoroughly, as the Gladioli likes a rich ground.

Time of Planting.—Just as soon as the frost is out of the ground, and the beds are properly prepared, the bulbs can be planted. If the flowers are wanted in successive crops, it is best to make weekly plantings, and, if planted as late as July 10th, the flowers will appear before frost time.

Depth and Distance to Plant.—Our recommendation is to plant 4 inches deep and 4 inches apart.

	Each	Doz.
America —Beautiful, soft shell pink, large open flowers.....	\$0.06	\$0.60
Lily White —A fine pure white, very early.....	.07	.65
Niagara —Soft creamy yellow, slightly tinted rose.....	.06	.75
Panama —Beautiful clear pink, large wax-like flowers.....	.07	.75
Peace —White with lilac mark in throat, a giant flower.....	.07	.75
Schwaben —Large flowers of clear canary yellow with small dark red line at throat.....	.08	.85
Mixture —These are the above mentioned and others which have become mixed through handling.....	.05	.50
1910 Rose —Early, wine color, extra fine.....	.07	.75



Mixed Gladioli.

DAHLIAS OF SPECIAL INTEREST

We have listed only a few of the best known varieties for cut-flowers

	Prepaid	Each	Doz.
Delice. (Dec.)—Beautiful glowing rose pink.....	\$0.20	\$2.00	
Jean Kerr. (Show).—A pure white.....	.40	4.00	
Mina Burgle. (Dec.)—Rich dark scarlet on long stems.....	.25	2.50	
Patrick O'Mara. (Dec.)—Soft pleasing shade of orange, buff tinted rose. There is no better dahlia than this.....	.75	7.50	
Mad. A. Lumiere. (Dec.)—Pale white, violet red points.....	.25	2.50	
Sylvia. (Dec.)—Pink, white center.....	.25	2.50	
Lavine. (Dec.)—Pure deep lilac.....	.25	2.50	
Millionaire. (Dec.)—Lavender with pink cast....	.65	6.50	
Mixture —Select quality.....	.10	1.00	

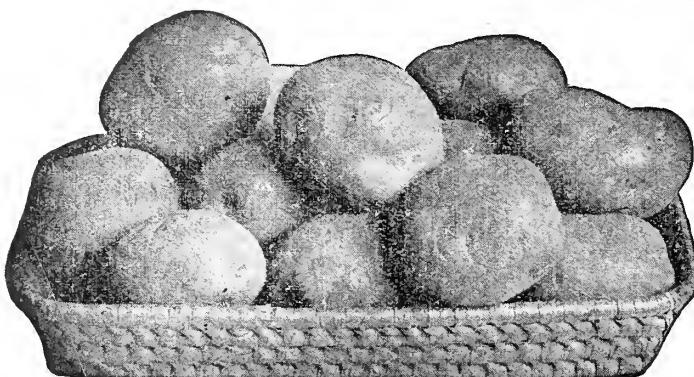
PEONIES (Strong Divisions)

	Each	Doz.
Edulis Superba. 7.6. (Lemon, 1834).—Dark pink, even color; large, loose, flat crown when fully open. Very fragrant; upright growth; early bloomer. One of the best commercial Peonies.....	\$0.60	\$6.00
Felix Crousse. 8.4. (Crousse, 1881).—Very brilliant red. Medium to large, globular, typical bomb shape; fragrant; strong growth; midseason.....	1.00	10.00
Festiva Maxima. 9.3. (Miellez, 1851).—Paper-white, crimson in markings in center. Very large and full, rose type; very tall, strong growth; early.....	.75	7.50



Bed of Cannas.

IRISH POTATOES



Houlton Early Rose.



Irish Cobbler.

Selected Seed Irish Potatoes is one of our specialties. Our Maine Grown Seed are grown under personal supervision of the most reliable and experienced growers in Maine and great care is exercised from the selecting and planting of the stock to the harvesting, grading and shipping of the crop. Customers should keep in mind that our Potatoes are Seed stock, grown for planting and should not be confused with ordinary commercial Potatoes so often offered as seed stock.

PRICES SUBJECT TO MARKET CHANGE

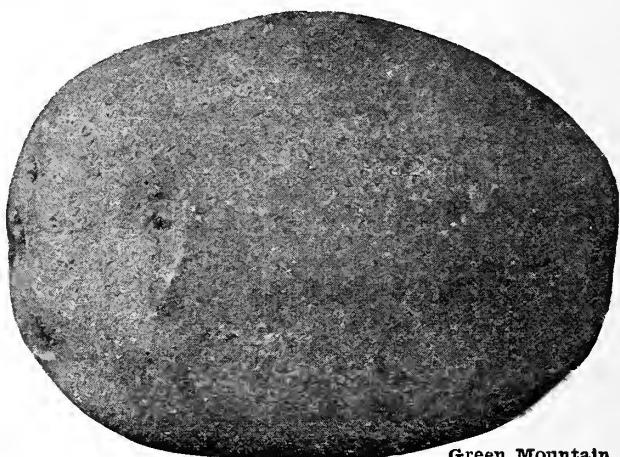
CULTURE—Irish Potatoes should be planted in the spring as early as the ground can be prepared. In rich soil, rows 3 feet apart, placing cut tubers 15 inches apart in the row. A well balanced Potato Fertilizer should be used, rather than stable manure, which has a tendency to make the Potatoes grow rough with scab.

For late crop, plant from June to August. We recommend sprinkling Powdered Sulphur on Potatoes when they are cut for planting, which is a preventive of blight and scab and also prevents bleeding, which weakens the vitality of the Potato and is in other ways injurious. Many of our largest Potato planters always use Sulphur with the best results—1 pound is sufficient for 1 bushel of Potatoes. For price of Sulphur, see page 33. Potatoes should always be cut several days before planting, as the cut should heal somewhat before putting them in the ground. In the Potato growing sections of Maine, the most successful growers always cut their Potatoes 4 to 6 weeks before planting.

IRISH COBBLER—This well-known Potato is more generally grown for early crop than any other variety. It is an extra-early large white Potato, having very few small potatoes in a hill; hardy and vigorous grower; is also largely grown for home use as well as for market.

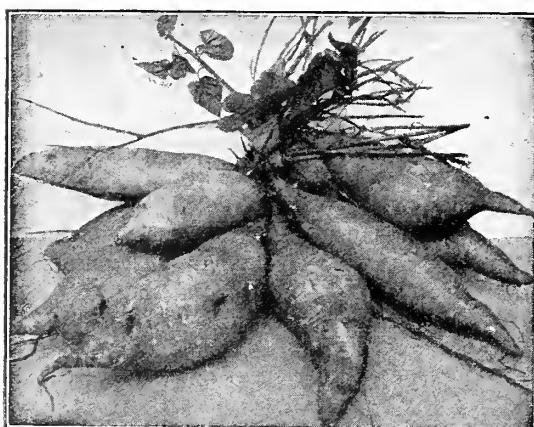
HOULTON EARLY ROSE—The old reliable, well-known and popular variety. Our stock of this Potato is absolutely true to name, and should not be compared with the cheap Western-grown stock so generally offered.

GREEN MOUNTAIN—A large, handsome, pure white Potato, for main or late crop; a prolific yielder and invariably of fine table quality, cooking dry and mealy. It has largely superseded other varieties for late planting; is also one of the best varieties for main crop, maturing about 2 weeks later than the Irish Cobbler.



Green Mountain.

McCORMICK.—Should be planted in July and early in August. It is one of the heaviest yielders.



HANOVER YELLOW.—The leading Yellow Potato in Hanover County, which is noted for its excellent Sweet Potatoes. It has a rich yellow color, grows to a large size; yields well; cooks dry and sweet. Write for prices in season.

SWEET POTATOES

CULTURE.—These should be planted in hotbeds in April and kept well watered. As soon as the plants are ready and danger of frost is past in May or June they should be transplanted to rows 3 feet apart, setting the plants 16 inches apart in the row.

Prices fluctuate very much, frequently from day to day. Write us for prices in season when ready to plant.

Seed Sweet Potatoes are very perishable, and will not keep very long after being taken out of storage, especially in damp or rainy weather. For this reason we cannot carry them in stock for any length of time, but get them in fresh from day to day. We ship only good, fresh, sound Potatoes in firm condition, but we cannot guarantee safe arrival of anything so perishable, though we are very careful in packing and shipping them while fresh, but under no circumstances will we be responsible for Potatoes which may be in bad condition when received, and only under these conditions will orders for Sweet Potatoes be accepted by us.

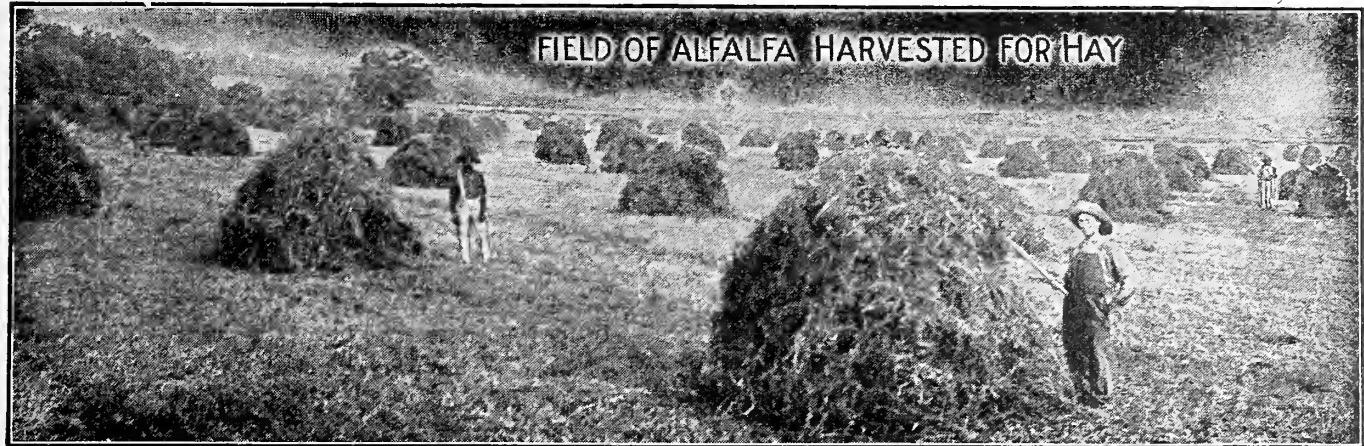
PORTO RICO, or CUBAN YAM.—This Potato has been grown extensively in the South for many years, and was introduced by us into this section some years ago. It has golden yellow flesh with pinkish skin, and is the largest yielding potato we know of. It is also by far the best keeping Potato known. The longer it is kept the sweeter it gets. Write for price in season.

WHITE YAM, or HAYMANS.—This is the well-known White Sweet Potato. It grows to a larger size than the Yellow Potato and keeps better. Write for price in season.

PUMPKIN YAM, or NANCY HALL.—Has flesh of golden yellow color, hence its name Pumpkin Yam. It cooks soft, juicy and sweet.

Prices on request.

FIELD OF ALFALFA HARVESTED FOR HAY



CLOVERS

ALFALFA is probably the most talked of, most widely grown, and the most profitable of all varieties of Clover grown in the South. It will produce from 5 to 7 tons of hay to the acre each year, and it can be cut four, and with favorable weather conditions, five times a year, and it does not exhaust the soil; its long roots penetrate 15 to 20 feet in the ground, and it therefore successfully resists droughts and gets moisture from this depth during dry spells, whereas any other crop would be a failure. Although Fall sowing is preferable, good results can be obtained from spring sowing, if sown in March or early April. It should be seeded on high and rather dry land, as it does not succeed as well on wet grounds. It should be seeded at the rate of about 20 to 25 pounds to the acre broadcast. The soil should be thoroughly prepared and a plenty of lime applied, not less than 1,000 lbs. to the acre, and if your land has never had Alfalfa grown on it before be sure to inoculate the seed with Mulford Culture (listed on page 32), for without inoculation your success is exceedingly doubtful. Alfalfa is adapted to almost the entire South, and is said to have the highest feeding value of any other Hay. Do not risk your crop of Alfalfa by sowing cheap or inferior seed.

INOCULATE THIS
SEED WITH
MULFORD CULTURE

Our Alfalfa is the highest grade seed we can obtain, both in purity and germination.

As the Argentine or South American Grown Alfalfa has proven very satisfactory in this section and the price is lower than North American Grown Seed, we are offering this year both stocks, although we recommend the North American Grown Seeds for this section. Prices fluctuate; quotations on request.



Red Clover.

WHITE DUTCH CLOVER—Thrives in any soil or climate, and being of low, creeping growth, is especially valuable for pastures and lawns, also for bees as it probably makes better and clearer honey than any other blossoms. Prices fluctuate; quotations on request.

RED CLOVER—This is the common Red Clover so popular and well known everywhere—the farmer's friend and soil restorer, the bountiful feed plant. Can be sown in the Spring from February 15th to April 1st; also from July 1st to October 10th, and will be ready for mowing the following spring. Sow 12 to 15 pounds to the acre. Prices fluctuate; quotations on request.

MAMMOTH, or SAPLING CLOVER—Very much like the common Red Clover, but of heavier growth and about 2 weeks later in maturing. Especially recommended for thin soils. Sow 12 to 15 pounds to the acre. Prices fluctuate; quotations on request.

ALSIKE CLOVER—This is probably the best variety to sow with other grasses for a good hay. On stiff, moist soil, makes a good pasture and a very valuable hay. Stands cold well, on either wet or dry soils. Splendid for bees. Alsike is growing more in favor each year as its qualities becomes better known. Sow 10 to 12 pounds to the acre. Prices fluctuate; quotations on request.

WHITE BOKHARA, or SWEET CLOVER—This is a good clover to sow on poor or thin land as a soil improver and to prevent washing. It is very hardy and stands heat and drought remarkably well. It makes good grazing while young and also makes good quality hay if cut before it blossoms, but if allowed to grow tall or blossom it gets hard and woody. Is a good crop to sow to inoculate soil to be followed with alfalfa; is also valuable for bees; we recommend this Clover for poor soil. We recommend and offer only seed which have been scarified and thoroughly recleaned. Sow about 15 pounds to the acre. Prices fluctuate; quotations on request.

CRIMSON, or ANNUAL CLOVER—Makes excellent green foliage, or if cut when in bloom will make good hay, especially valuable for improving the soil, making a quick, heavy and very valuable crop for soiling. May be sown to advantage in corn, cotton and tobacco at the last cultivation, and will afford a dense mat for plowing under in spring. Crimson Clover fallowed under makes an excellent preparation for corn, as it keeps the soil in a mellow condition and helps to hold moisture. Sow 25 to 30 pounds to the acre from July to November. Prices fluctuate; quotations on request.

WHITE BLOOMING CRIMSON or ANNUAL CLOVER—This grows identically like the well known Crimson Clover with the exception that it has white seed and a white blossom, is about two weeks later in maturing and makes a heavier growth. Customers sowing both the White Blooming and the Crimson Clover will have a green food over a longer period. When seeded 10 pounds per acre with a bushel of either wheat or winter oats makes a heavy crop of excellent hay. Prices fluctuate; quotations on request.

JAPAN CLOVER, or LESPEDEZA—This is valuable to sow on poor worn-out fields, hillsides, thin woods, groves, and wet bottom lands for summer pasture and for improving the land. It does not produce enough hay in this section to make it of much value for this purpose, but it is particularly valuable for late summer grazing on land that cannot be used for other purposes. Sow 10 to 15 lbs. per acre broadcast in March or April and do not graze it early if you wish it to re-seed. While the plants winter-kill, it reseeds itself and thickens every year and will soon spread. Prices fluctuate; quotations on request.



Crimson Clover.

Insure a Good Grass Crop
By Using
SWIFT'S RED STEER FERTILIZER

GRASSES



TIMOTHY—Very nutritious, and salable for hay, but not recommended for pasture, as it is injured by close cutting or grazing. Thrives best on heavy moist soils; should not be sown on light dry land. Good crops of hay are obtained if mixed with Red Top or Herd's Grass and Sapling Clover, or some grass maturing at the same time. Sow 15 lbs. to the acre. Prices fluctuate; quotations on request.

HERD'S GRASS, or RED TOP—This excellent pasture and hay grass does well on any soil, but, perhaps, thrives best on moist, heavy soils. It spreads and thickens from year to year, and will gradually supplant other grasses. Matures at the same time as Timothy, with which it makes a good mixture. Sow 10 to 12 lbs. to the acre. Prices fluctuate; quotations on request.



Timothy.

ORCHARD GRASS—This is one of the most reliable grasses for hay or pasture grown in this section, making a quick, vigorous and continuous growth from early spring to winter. Sow 25 lbs. to the acre in the spring or fall, and in any soil; loamy upland is best. It is excellent to mix with other grasses. Prices fluctuate; quotations on request.

TALL MEADOW OAT GRASS—A most valuable grass for the South, as it stands heat and drought well and flourishes on dry, light soils. Splendid for pastures and for hay; it may be cut twice in a season. Sow 25 lbs. to the acre. Prices fluctuate; quotations on request.

KENTUCKY BLUE GRASS—This grass succeeds best on lime stone soils, but does well on any stiff soil. Stands cold, but does not do well in extreme heat. Grows slowly at first, making a thick, compact turf. Used for lawns or pastures. Sow either in the fall or spring. 30 lbs. to 35 lbs. to the acre. Prices fluctuate; quotations on request.

MEADOW FESCUE.—Remains green all winter, making fine, nutritious pasture, and also yields well as a hay crop. Largely used for grazing. Sow about 30 lbs. to the acre. Prices fluctuate; quotations on request.

PERENNIAL RYE GRASS—Good for hay and pastures, if sown on strong, moist soil, but does not stand drought well. It grows rapidly and matures very early and lasts several years. Sow 30 lbs. to acre. Prices fluctuate; quotations on request.

ITALIAN RYE GRASS—Larger and stronger than Perennial Rye Grass; has large, broad, glossy green blades. Thrives best on moist, fertile soils, furnishing 2 to 3 cuttings a year. Sow about 35 lbs. to the acre. Prices fluctuate; quotations on request.

BERMUDA GRASS—A valuable grass for permanent sod, and especially recommended for dams and terraces, as it has long, tough roots and of a matty growth: prevents land washing; would not advise sowing on land which is to be planted in other crops, as it is very tenacious in habit and very hard to eradicate after it once gets a hold; for this reason is used extensively on golf links. It is very similar to our Virginia Wire Grass. Sow in March or April, August and September about 10 lbs. to the acre, in well prepared soil. Prices fluctuate; quotations on request.

SUDAN GRASS

This is an annual grass and if seeded in May can be cut twice and with favorable seasons three times a year, but it can be seeded as late as July and will make one cutting. Grows 6 to 10 feet high, when drilled; or if seeded broadcast, 3 to 5 feet. In appearance, it is similar to the Johnson Grass, but does not root as deeply—as it is an annual it is killed out through the winter, and can never become a pest, as has Johnson Grass in some sections of the South. It is, however, a great drought resisting Grass, and is easily cured, making a good hay crop, and all stock relish and thrive on it. This Grass should not be sown until the ground becomes thoroughly warm, about the first of May. Farmers in the South, who have grown this Grass, are very enthusiastic about it. It has become a popular hay crop. Sow 5 lbs. to the acre in drills 2 feet apart; or if broadcast, 20 to 25 lbs. to the acre. Prices fluctuate; quotations on request.

Prices on Request.



Sudan Grass.



The Cyclone Seed Sower

This is a splendid little Seeder at a very modest price.

Sows seed evenly; also Fertilizers, Bone or Ashes. Will pay for itself in a few hours. Made of tin and fits the body snugly.

Price, \$2.50 each. Mailing weight, 5 lbs.

FIELD, or COW PEAS



Brabham Cow Peas.

Prices of Cow Peas are frequently changing. Write us for prices when ready to buy.

This is one of the best crops that can be grown for enriching the soil; even if the entire crop of vines are cut off and removed, the roots, by their ability to add nutritious qualities to the soil, improves the poorest land and enriches the best. It is also a splendid forage and field crop, producing a heavy growth of excellent feed. All of our Cow Peas are thoroughly cleaned and put up in even weight, good sacks. The hulls, sticks, cracked and broken peas are taken out, and they should not be compared with peas commonly offered just as they come from the farmer's hands, which are rarely ever recleaned and in very poor sacks. The market prices are unsettled at the time this Catalogue goes to press. Write for quotations.

TAYLOR, or LARGE GREY WHIPPOORWILL.—A large speckled pea with long pods, and makes a heavy yield of shelled peas. It matures early, and grows upright; also makes large vine growth. Prices fluctuate; quotations on request.

BLACK.—This is the popular variety for forage and for turning under. Very prolific, quick grower, rich and nutritious. On account of its nutrition and yield of peas, is probably the best variety to sow for hogs. Prices fluctuate; quotations on request.

BRABHAM.—This pea resembles the well known brown Whippoorwill, but is smaller; upright growth, holds its foliage well, making it a valuable pea for hay. Is very hardy and prolific in both peas and forage. Is rapidly becoming one of the most popular peas in the South. Prices fluctuate; quotations on request.

IRON—This is a good variety to plant for a hay crop or forage. It also yields abundantly of peas. In some sections of the South it is sown almost exclusively. The seed of this variety is small, consequently it does not take as many seed to an acre. Prices fluctuate; quotations on request.

NEW ERA—An extra early cow pea. Makes a very heavy growth of vine and is prolific of peas, which are speckled and very small, and on this account it does not require near as much seed to an acre. One bushel or even less is sufficient. Holds its leaves well. Prices fluctuate; quotations on request.

GROIT—This variety is a cross between the New Era and Whippoorwill and is becoming more popular each year. It probably yields more peas per acre than any other variety known in this section. Prices fluctuate; quotations on request.

BROWN WHIPPOORWILL—Early, brown speckled peas; one of the most popular varieties; does not have long trailing vines and is therefore easier to harvest for hay. Holds its leaves well. Prices fluctuate; quotations on request.

CLAY—This is a late running variety. Makes a heavy growth of vine and is therefore more generally used and recommended for plow under. Prices fluctuate; quotations on request.

MIXED COW PEAS—We offer a choice mixture of the principal varieties, which produces a thicker and better crop than any single variety. The bush varieties help to hold the running varieties off the ground. For this reason there are many more mixed peas used than any one variety. Prices fluctuate; quotations on request.

BLACK EYE FIELD PEAS

For Table Use, Forage and Soil Improving, These Are Profitable to Sell Green or Dry for Winter Use.

EARLY RAM'S HORN BLACK EYE.—A large second early Black Eye Pea, ripening just after the extra early; used as a table pea both green and dry. Prices fluctuate; quotations on request.

SMALL BLACK EYE—A bunch variety, very productive; makes excellent quality of dry peas for winter use. Prices fluctuate; quotations on request.

SOJA, or SOY BEANS

Soja or Soy Beans make a splendid forage crop; they are very nutritious and make a heavy growth of vine. They improve the soil, make a good ensilage and withstand drought better than any other forage crop. They make excellent hog feed and a splendid yield of Beans, which ripen at the same time. They are adapted to growing on almost all kinds of soils and are being more generally sown each year, as their value becomes known.

There are a number of varieties, but we only catalogue a few of the best which have proven valuable and suitable for growing in this section.

EARLY VIRGINIA—While this variety is particularly adapted to the South, on account of its earliness it is also a favorite variety for growing in the North and West where the growing seasons are much shorter. It makes an excellent yield of hay as well as yielding a large crop of Beans, and its profuse leafage and fine stems and stalks make a hay considered by many as good as Alfalfa, all of which is consumed by the stock. Prices fluctuate; quotations on request.

WILSON EARLY BLACK—A very popular early variety growing about 3 feet in height. These are used extensively in the Northern States, where the growing season is not long enough for the Mammoth Yellow to mature. It makes a finer Hay than the Mammoth Yellow, as it has smaller stems. Prices fluctuate; quotations on request.

MAMMOTH YELLOW—Decidedly the largest growing Beans and the most popular variety to grow where the seasons are long enough for them to mature. They will make more tons of hay per acre than any other variety, also yields heavily of beans. Perhaps the best variety to produce oil and meal. Prices fluctuate; quotations on request.

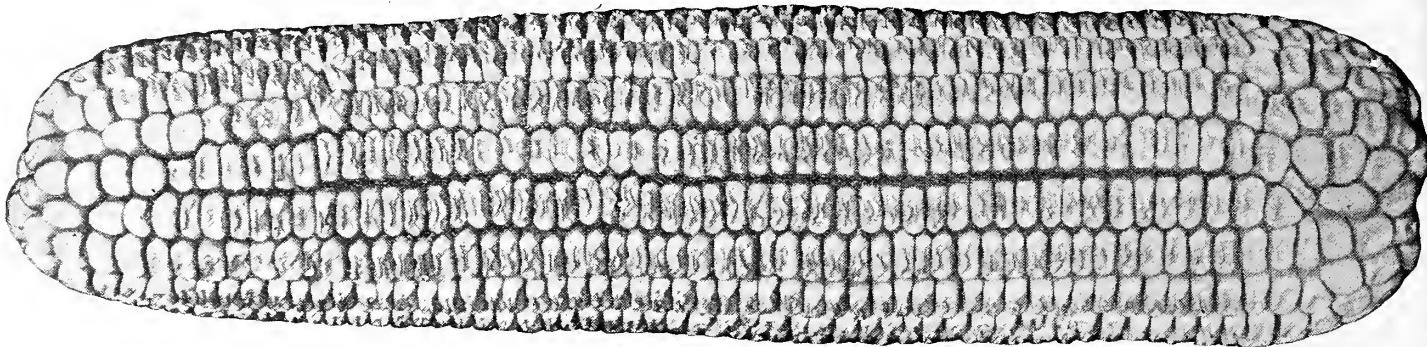
Canada Field Peas

This variety is of the English pea family. Has small seed and pods, grows 4 to 5 feet high, and makes excellent early hay; also makes splendid hog feed and early fallow. For best results we recommend sowing Apple or Fulghum Oats with these in February or March at the rate of one bushel peas and one bushel oats to the acre, which combination makes a splendid hay crop. They also do well when sown in November with either wheat, rye, oats, or barley. We recommend the American grown peas as being far more preferable than the cheaper imported peas. Our stock is the best American Grown Seed. Prices fluctuate; quotations on request.



Soja or Soy Beans.

SEED CORNS



All of our Field Corns are grown under contract especially for seed purposes. The seed is selected and saved only from the largest and best ears. It is carefully graded, screened, and fanned, which removes all small and broken grains.

Owing to the great care we exercise in growing, selecting, grading and shelling our Corns and the superiority of our strains, we sell this in large quantities to many seedsmen in other States.

BALDERTON'S VIRGINIA STATE WHITE DENT.—Years of careful breeding and selecting has developed this beautiful strain of large White Corn. It is a great improvement over the old White Dent. It is very hardy, uniform in size and productive. Is pure white, large ear, medium size cob, fills out well at both ends. Prices fluctuate; quotations on request.

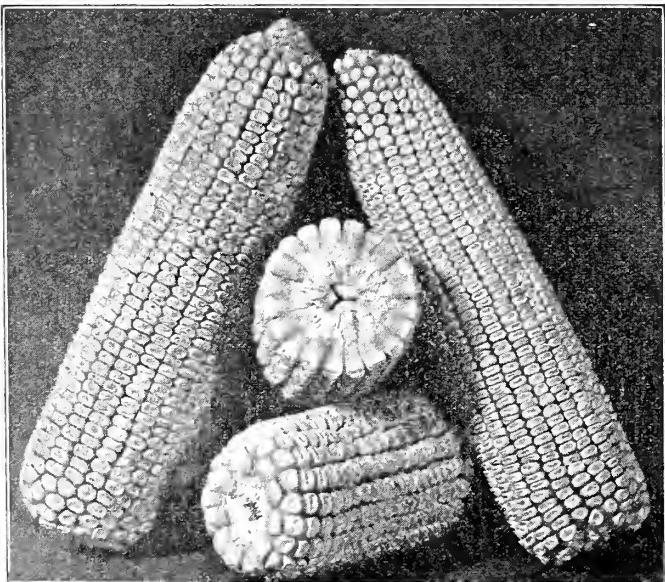
EUREKA ENSILAGE—This variety is bred from the Cocke's Prolific. The ears are much larger and longer, but not as many to the stalk. The ears run from 9 to 12 inches long. It is a rather hard, white variety, and makes excellent meal. Especially adapted to rich low grounds, and is decidedly the best ensilage variety. Prices fluctuate; quotations on request.

BOONE COUNTY WHITE—A large eared variety of white corn. Has deep, soft and very white grains; it is a vigorous grower, is very popular and has taken more premiums for large yield than any other variety. Being a soft corn it is excellent for stock feeding, but is more likely to rot on the stalks in a wet season than harder varieties. Our seed is grown from premium stock. Prices fluctuate; quotations on request.

HICKORY KING—An early low growing corn which can be planted closer together than the large corns. It has a very small cob with large broad grains. Especially recommended for high, light land. Will yield more shelled corn per barrel of cob corn than any other kind. Is said to make better meal than any other variety. Prices fluctuate; quotations on request.

VIRGINIA ENSILAGE—A large white corn with abundance of foliage which is used extensively for ensilage and fodder; also makes good yield of corn. Prices fluctuate; quotations on request.

Prices on request.



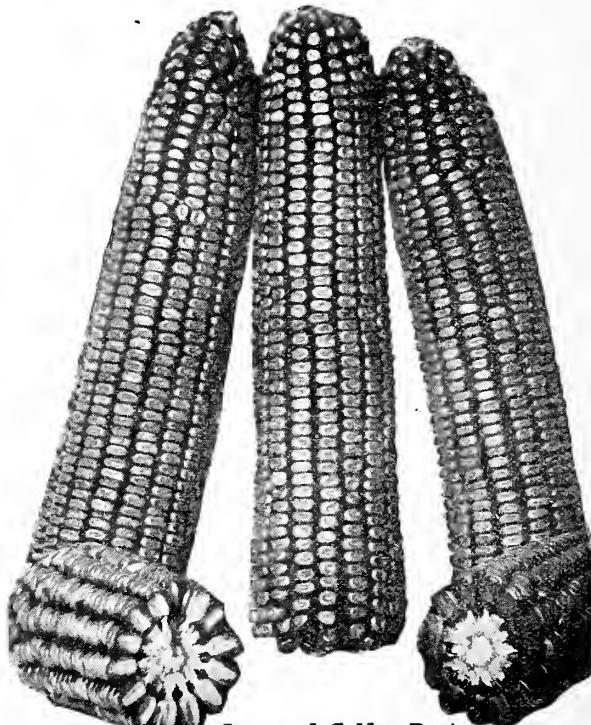
Boone County White Corn.

BALDERTON'S IMPROVED GOLDEN DENT

The Best Early Yellow Corn

As a result of carefully selecting, breeding, and growing this variety for many years, we now claim that in this Corn we have decidedly the best yellow Corn ever grown in this section. In fact, it has about superseded all other varieties of yellow Corn in this vicinity. It is a hardy, healthy, vigorous growing Corn, and a good ensilage variety, and while we do not claim it to be a prolific Corn, it yields from one to two nice large ears to the stalk. Our customers who have been raising this Corn for years report it as being by far the best yellow Corn, and it has fewer barren stalks than any Corn they have ever grown. It has large, broad grains of a rich golden color. It is not a flint variety, but it is a moderately hard corn, and because of this it does not rot in the fields during continued rainy weather, as many varieties of yellow Corn do. We sell this Corn in very large quantities to the seed houses throughout the South and North. It is exceptionally early, maturing in about ninety days, and because of its earliness it is now being more largely grown in the Northern States each year for ensilage and other purposes, where the growing seasons are not long enough for the large late White Corns to mature. In this Corn we think we have decidedly the best yellow Corn for any purpose. Prices fluctuate; quotations on request.

Prices on Request.

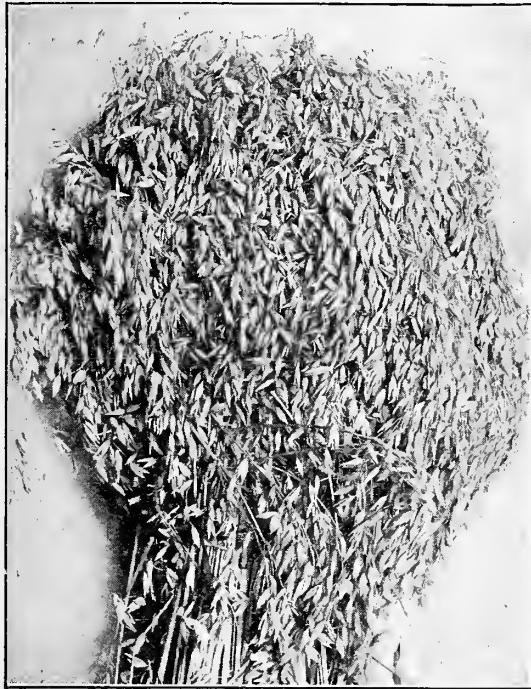


Improved Golden Dent.

MISCELLANEOUS FARM SEEDS

OATS

BURT, or NINETY-DAY—The best Spring Oats, as it is the earliest variety, is nearly rust-proof, hardy and vigorous, and yields more grain and feed. On account of its earliness it is more satisfactory to grow than any other spring oat. While it is called a 90-day oat, we have known crops to mature in much less time. Sow 2 bushels to acre. Prices fluctuate; quotations on request.



Burt, or 90-Day Oats.

VIRGINIA GRAY WINTER, or TURF—This has long been by far the most popular variety in this State for Fall seeding. Though a winter oat, they also succeed well if sown early in the spring, making a better crop if sown by March 15th. Sow 1½ to 2 bushels to the acre.

FULGHUM—This oat is of rust-proof type, somewhat earlier than the Appler, and is a heavier yielder of grain. Is largely used in the South, and is being more generally grown each year. Prices fluctuate; quotations on request.

APPLER—An early red Oat, similar to the Rust Proof, but harder and yields more grain. Adapted to either spring or fall sowing. We highly recommend these oats. Prices fluctuate; quotations on request.

RED RUST-PROOF—A very desirable early variety for heavy soils and low, moist grounds, where rust attacks other varieties. Yields abundantly of large, heavy grain, but does not grow as tall as the winter oat. Sow two bushels to acre. Prices fluctuate; quotations on request.

WHITE SPRING—A well known large, heavy White Oat for spring seeding. Sow 2 bushels to the acre. Prices fluctuate; quotations on request.

Navy Beans

A very profitable market crop, and the leading table bean. Only the dried beans are used. Plant in June or July in 3-foot rows; about 20 lbs. to the acre. Height 12 inches. Prices fluctuate; quotations on request.

Sorghum

Sorghum or Sugar Cane should be sowed in May after danger of frost is past. For Syrup sow in rows 3 feet apart, about 15 lbs. to the acre. For fodder, sow broadcast about 75 lbs. to acre. Sorghum should be more generally grown for making syrup. It is easy to grow and many people much prefer home-grown sorghum molasses to Southern syrups. Makes splendid hay or green forage when seeded together with Cow Peas broadcast at the rate of 25 lbs. of sorghum and 1 bushel of Peas to the acre. This combination should be sowed only on good land however, when it will make a heavy crop of hay.

EARLY AMBER SORGHUM.—Grows 10 to 12 feet high; yields

heavy nutritious forage, either dry or cured; very sweet; also makes good syrup. Prices fluctuate; quotations on request.

MILLET

GOLDEN OR GERMAN MILLET

Sow broadcast from May to July, 50 lbs. to the acre. Millet makes a good yield of feed if sown on good land, but does not do well on thin land.

TENNESSEE GROWN.—This makes much larger growth and has larger heads than the Southern Millet and is regarded far superior to the ordinary Southern Millet. Prices fluctuate; quotations on request.

CHOICE SOUTHERN.—The well known Millet. Prices fluctuate; quotations on request.

Japanese Buckwheat

This is a profitable crop for either grain, flower food for bees, soil enricher, or to kill out weeds, also splendid for poultry. Sow 1 bu. to the acre in June, July or August. Prices fluctuate; quotations on request.

DWARF ESSEX RAPE

Excellent for grazing all kinds of stock and poultry. Especially valuable for sheep and hogs with young, as it is an excellent milk producer. The young animals will also eat it with relish. It is hardy, stands cold, and is ready in eight weeks after sowing. Sow 10 lbs. to the acre broadcast; 5 lbs. if drilled. Prices fluctuate; quotations on request.

VETCHES

SAND, or HAIRY VETCH.—A nutritious and valuable forage and soil-improving crop. Makes a large and quick growth. Sow from July to November, preferably with grain, which will hold Vetch off the ground. To get the best results sow 20 pounds to the acre, together with one bushel of either Wheat, Oats, Rye or Barley. Prices fluctuate; quotations on request.

INOCULATE THIS
SEED WITH
MULFORD CULTURE

We will have at seeding time in the fall the leading Varieties of Seed Wheats, Rye and Barley, and will be glad to quote current prices in season on request.



Golden Millet.

SHERWIN-WILLIAMS

SPRAYING GUIDE

CROP	PESTS	WHAT TO USE	DILUTIONS		WHEN TO SPRAY
			Level Tablespoon- fuls to 1 Gallon Water	Pounds or Gallons to 50 Gallons Water	
APPLE	San-Jose and Oyster-Shell Scales and Blister-Mite	Dry Lime Sulfur	9 to 11	12 to 15	In spring when the leafbuds show tip-green.
	Coddling Moth, Curculio, Bud-Moth, Scab, Frog-Eye and Blotch	Dry Lime Sulfur and Arsenate of Lead	2½ to 3 and 1½ to 2¼	3 to 1 and 1 to 1½	1. When the blossom buds show pink. 2. At the fall of the petals. 3. Ten days to two weeks later. 4. Three weeks after the fall of the petals. 5. Four weeks after the fall of the petals.
	Second-Brood Coddling Moth	Arsenate of Lead	1½ to 2½	1 to 1½	Ten weeks after the fall of the petals.
PEAR	San-Jose Scale and Blister-Mite	Dry Lime Sulfur	9 to 11	12 to 15	In spring when the leafbuds show tip-green.
	Psylla, Slug, Scab, and Codling Moth	Dry Lime Sulfur Arsenate of Lead and Nicotine Sulfate	2½ to 3 and 1½ to 2¼ and 1	3 to 4 and 1 to 1½ and ½ pint	1. Just as the cluster buds are opening. 2. At the fall of the petals 3. Two weeks later.
PEACH	San-Jose Scale, Peach Leaf-Curl	Dry Lime Sulfur	9 to 11	12 to 15	In spring before the buds begin to swell.
	Curculio	Arsenate of Lead and Hydrated Lime	1½ and 5	1 and 5	1. When 75% of the "shucks" have fallen. 2. Two weeks later. 3. Four weeks before picking.
CHERRY and PLUM	Brown Rot, Leaf-Spot, Curculio and Slug	Dry Lime Sulfur and Arsenate of Lead	2½ to 3 and 1½ to 2½	3 to 4 and 1 to 1½	1. Just before blooming. 2. When the petals fall. 3. Ten days later. 4. Two weeks after the fall of the petals. 5. Four weeks after the fall of the petals.
		Dry Lime Sulfur	2½ to 3	3 to 4	Just after picking.
	Cherry Fruit-Fly or Maggot	Arsenate of Lead	1½ to 2½	1 to 1½	As soon as the fruit flies appear. In case of rains make additional applications.
GRAPE	Black-Rot, Mildew and Berry-Moth	Pestroy	9½	9½	1. When shoots are 8 to 10 inches long. 2. Just before blooming. 3. Just after the blossoms fall. 4. Two weeks later. 5. When the berries begin to touch in the clusters.
CURRENT and GOOSEBERRY	Mildew	Dry Lime Sulfur	9 to 11	12 to 15	When the buds begin to open.
		Dry Lime Sulfur	2½ to 3	3 to 4	Every ten days after the buds begin to open, making three applications.
	Current Worm	Arsenate of Lead	1½ to 2½	1 to 1½	When the worms first appear.
BUSH-FRUIT (BLACKBERRY, LOGANBERRY, RASPBERRY)	Rose-Scale, Can-e-Blight, Leaf-Spot and Anthracnose	Dry Lime Sulfur	9 to 11	12 to 15	In spring before growth starts.
	Anthracnose	Dry Lime Sulfur	2½ to 3	3 to 4	Just before the bloom.
STRAWBERRY	Leaf-Spot, Flea Beetle, and Leaf-Roller	Pestroy	7	7	1. Before the blossoms open. 2. As soon as the fruit has been picked. Additional applications will depend upon the presence of Leaf-Roller larvae and Flea-Beetle.
BEAN	Mexican Bean-Beetle	Pestroy	7	7	Spray or dust when beetles appear and as often as necessary thereafter.
	Anthracnose	Pestroy	7	7	Begin when the plants are two inches high and spray every ten days until the pods are formed.
BEET	Leaf-Spot and Flea-Beetle	Pestroy	7	7	Begin when the plants are up and continue thereafter every ten days as often as may be necessary.
CABBAGE and CAULIFLOWER	Cabbage Worm and Looper	Pestroy	7	7	Spray or dust as soon as the worms appear.
CELERY	Blight and Leaf-Tyber	Pestroy	9½	9½	Spray or dust in the plant bed; one week after setting and thereafter every two weeks until five applications have been made. Do not spray later than one month before harvesting.
CUCUMBER and MUSKMELON	Striped-Beetle	Pestroy	7	7	Spray as soon as the plants break through and keep them covered until they begin to run.
Eggplant	Flea-Beetle and Rot	Pestroy	7	7	Spray frequently as long as the beetles continue to appear and after the fruit begins to set.
PEPPER	Rot	Pestroy	7	7	Spray as soon as the fruit begins to set and two or three times more at two-week intervals.
POTATO	Colorado Beetle, Flea-Beetle, Leaf-Hopper, Blight	Pestroy	9½	9½	Begin spraying when plants are six inches high and thereafter at ten-day intervals until four or five applications have been made.
TOMATO	Flea-Beetle, Horn-Worm, Leaf-Spot	Pestroy	7	7	Spray plants in the bed and after setting spray every ten days until four or five applications have been made.
SHADE-TREES and SHRUBS	Scale-Insects including: Oyster-Shell European Elm Cottony-Maple Tulip, Pine-Leaf and Terrapin Scales	Free-Mulsion	10 to 12	2½ to 3	In spring before the buds open.
	Tussock Moth	Arsenate of Lead	4½	3	As soon as the caterpillars appear.
	Brown Tail Moth	Arsenate of Lead	4½	3	Spray at the time pear blossoms are falling and in August. Burn the winter nests.
	Gypsy Moth	Arsenate of Lead	4½	3	Spray when the caterpillars first appear. Soak egg masses from August to May with S-W Carbolic-Oil.
FLOWERS	Leaf-eating insects	Pestroy	7	7	As soon as the slugs or worms appear.

NOTE: Whenever aphids (plant lice) appear on fruit trees, vegetables, shade trees, shrubs and flowers, spray with Nicotine Sulfate at the rate of 1 level tablespoonful to 1 gallon of water or ½ pint to 50 gallons of water. For cutworms and grasshoppers use S-W Grasshopper and Cutworm Bait. Scatter liberally on ground late in the day among the plants where the cutworms or grasshoppers may be working.

Spraying Schedule for Home Garden and Orchard

If a home garden or orchard is worth planting it deserves adequate protection against the insects and diseases. Plants can do little nowadays to produce crops of good quality without considerable help from the gardener himself.

Protecting plants in the home garden is not an expensive, difficult, nor laborious task considering the remarkable returns that may be had from the time spent in rendering such protection. The value derived from spraying the home garden and orchard has been demonstrated so many times that it should be unnecessary to say that the practice pays.

All insects and diseases do not work in the same manner, as has been explained; neither do they all appear at once. It is essential, therefore, in spraying the home garden or orchard that the distinction be recognized and spraying schedules planned accordingly.

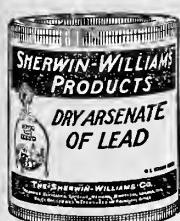
The Sherwin-Williams Spraying Guide presents practical schedules which, if followed closely, will produce results that will both surprise and reward those who practice them.

It would be difficult to find a person who would not be thrilled at the sight of the old apple or pear tree bending low under a load of large perfect fruit, free from any sort of blemish, as the result of thorough and timely spraying. Similar results may be obtained from every cultivated plant growing in the home garden and orchard.

Turn to page 35 now for a complete description of the S-W Insecticides and Fungicides we carry in stock at all times for your convenience.

SPRAYING MATERIALS

The country's largest growers lay their success not only to soil and climatic conditions, but to the systematic spraying and dusting of their growing fruits and vegetables with reliable insecticides and fungicides. Spraying with Sherwin-Williams Insecticides and Fungicides will insure heavier and healthier yields.



Sherwin-Williams Arsenate of Lead is one of the most fluffiest and most finely divided arsenate of lead. It is well known to growers throughout the United States for its superior adhesive and spreading qualities and great killing power.

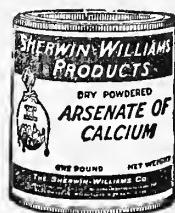
S-W Arsenate of Lead is recommended for the control of chewing insects of fruit trees, nuts, shrubs, and vegetables.

Sherwin-Williams Arsenate of Lead is now being used by prominent golf clubs to protect their greens and trees. Arsenate of Lead possesses maximum killing properties and quick action in controlling and preventing "grubs," "earth worms," and many weeds. Cannot mail. One lb. 45c; 4 lbs. \$1.25; 100 lbs. \$27.50.

Sherwin-Williams Dry Lime Sulfur is the most convenient contact insecticide and fungicide to use on fruit trees. It will not only control sucking insects such as San Jose Scale, Oyster Shell Scale and Blister Mite, but will also prevent fungus diseases such as apple scab, apple blotch, pear scab, peach leaf curl and brown rot of plums and cherries. It comes in dry powdered form ready to mix with cold water as di-



Sherwin-Williams Arsenate of Calcium is a superior product that meets every State and Federal requirement in chemical and physical properties. It is a standard remedy for the cotton boll weevil and alfalfa weevil. It is also effective in the control of the potato bug. One lb. 45c; 4 lbs. \$1.25; 100 lbs. \$27.50.



Sherwin-Williams Fungi-Bordo is a quality Bordeaux mixture in dry form. It contains the correct proportions of the best grade of lime and blue vitrol and possesses superior suspension, adhesive and spreading qualities.

Sherwin-Williams Fungi-Bordo is a recognized remedy for blotch, bitter rot, and anthracnose of apples, apricot brown rot, cherry leaf spot, black rot of grape, strawberry leaf spot, cherry blight, tomato leaf spot, and blight leaf hopper and flea beetle on potatoes. One lb. 40c; 4 lbs. \$1.25; 100 lbs. \$20.00.



Sherwin-Williams Pestroy is a combined insecticide and fungicide adapted especially for use in the home garden and orchard for the control of many chewing insects and fungus diseases.

It contains the correct amount of Bordeaux Mixture to prevent fungus diseases and the correct amount of arsenate of lead to control chewing insects. It will also stimulate leaf growth.

Pestroy is in dry powdered form and will keep indefinitely without losing its effectiveness. Being in

rected on the package for immediate use. It is more convenient than the old-fashioned liquid Lime Sulfur to handle, ship, or store. No leaking packages, no freezing or crystallizing. The addition of a stabilizer in Sherwin-Williams Dry Lime Sulfur greatly prolongs the effectiveness of the spray after it is applied. One lb. 30c; 5 lbs. \$1.25; 10 lbs. \$2.00; 25 lbs. \$4.00; 50 lbs. \$7.50; 200 lbs. \$25.00.

Sherwin-Williams Beetle Dust is the most effective remedy to be found for the Mexican Bean Beetle. It is a dust to be applied to beans early in their period of growth just when the plants begin to shoot above the ground. It is furnished in convenient sized packages and comes ready for use. One lb. 35c; 4 lbs. \$1.00.



Sherwin-Williams Paris Green is recognized by potato growers as an old reliable and effective brand for the control of the potato "bug" and tobacco worm. It is also well known for its effectiveness against grasshoppers, army worms and cut worms. It contains a maximum amount of arsenious acid which insures the utmost effectiveness with safety to foliage. It is extremely fine, therefore excels in adhesiveness and covering qualities when used as a wet spray or dust. One-fourth lb. 15c; ½ lb. 25c; 1 lb. 45c; 5 lbs. \$1.75; 100 lbs. \$30.00.



Sherwin-Williams Pruning Compound is an antiseptic durable and elastic dressing recommended for use on pruning wounds and cavities of fruit trees. It prevents entrance of fungous and bacterial diseases and checking of the wood and ultimate decay. Quart 65c; gallon \$2.50.

Sherwin-Williams Fly Spray will protect cattle and horses from flies and all vermin. Fly Spray will drive away flies and mosquitoes and will remain active from six to eight hours. It will not injure nor gum the skin or hair. S-W Fly Spray has been tested under the most severe conditions and is being used successfully by farmers and stockmen in every part of the United States. It is safe and sure can always be relied upon to give complete satisfaction. Sherwin-Williams Fly Spray will be found indispensable for use on cattle, horses, swine, and in cases of lice and mites. Quart 50c; gallon \$1.50; in drums 90c per gallon.



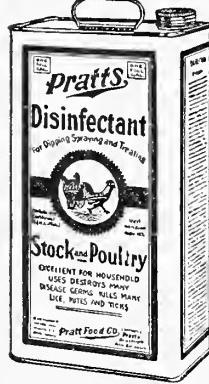
We are Headquarters for Sherwin-Williams Spray Materials. A famous line of first quality insecticides and fungicides. A spray for every purpose. We can take care of your requirements without delay. Look for the Sherwin-Williams Spraying Guide on page 34. It contains valuable information for the grower.

Pratts Preparations Mean Health



PRATTS POULTRY REGULATOR (For Health and Eggs)—It is a natural tonic supplying numerous health necessities required by heavy laying hens. Tones up the system, regulates the bowels, aids digestion, sharpens appetite, wards off disease and increases vitality. Use it for breeders, layers and growing stock. Pkg. 25 cts. (post wt. 3 lb.); pkg. 50 cts. (post wt. 5 lbs.); 9-lb. pkg. \$1.10; 25-lb. bag \$2.50.

PRATTS LICE KILLER is not poisonous, will not injure an animal if it gets in the mouth. It does not irritate the lungs, tender skin or sore spots—it is safe and effective. Pkg. 25 cts. (post wt. 2 lbs.); pkg. 50 cts. (post wt. 3 lbs.).



PRATTS DISINFECTANT also may be used as a dip to control lice and fleas and ordinary ticks. It is not poisonous, irritating or explosive. It is safe, effective and cheap. Pratts Disinfectant is powerful, over four times as strong as Carbolic Acid, may be heavily diluted with water—a gallon makes a barrel. Qt. 55c; half gal. 95c; gal. \$1.60.

PRATTS HEALING OINTMENT—Most injuries are healed naturally and permanently and pain quickly relieved by applying Pratts Healing Ointment. Also for sores, cuts, scratches, wounds, burns, scalds, barb wire cuts, as well as skin eruptions, eczema and itching corns, harness and saddle galls. Pkg. 25c.

PRATTS GAPE COMPOUND—Millions of chicks are lost every year from gapes, a disease caused by thread like red worms in the chick's windpipe which cause death by strangling. This disease can be easily prevented, checked or remedied by following the simple directions that accompany Pratts Gape Compound the most effective guaranteed method of treatment known. 25c and 50c.



PRATTS POULTRY WORM POWDER—Worms kill thousands of fowls every year. Twice a year wise poultrymen use Pratts Poultry Worm Powder. It rids poultry of round, tape and thread worms, is safe, sure, easy to use and costs only a little over one cent to treat a fowl. Pkgs. 25c & 50c.

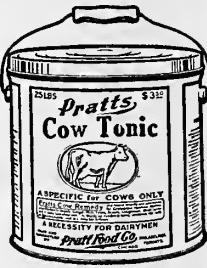


PRATTS HOG TONIC—Just mix one tablespoonful of Pratts Hog Tonic in the feed for each animal three times daily. Double this after the first week. Pratts Hog Tonic is sold in 100 lb. and 50 lb. drums, 25 lb. bags and packages. Pkgs. 50c and \$1.00.



PRATTS FLY CHASER—Give comfort to horses, cows and all other live stock in fly time by spraying them with Pratts Fly Chaser. It is guaranteed to be unequalled as a fly repellent. It has long efficiency, will not blister, remove the hair or damage the hide. Insures comfort at milking time, for the cow and safety for the milker. Does not taint the milk or the hair. 2 qts. 80c; gal. \$1.30.

PRATTS COW TONIC—Keep your cows thrifty while forcing milk production, without increased cost for feeding or care by giving them Pratts Cow Tonic. Promotes healthy appetite, good digestion, increased vigor, greater milk production. A wonderful all-around tonic. Pkg. 50c.

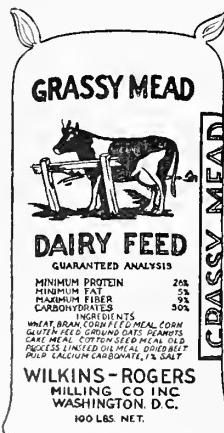


Fifty-five years of success and fair dealing behind the Pratt money-back guarantee.

Your Stock Deserves the Best

We Sell and Recommend the Complete Line of

MORE MILK



Prices fluctuate. Will be glad to quote our lowest prices on application.



We highly recommend these feeds.

MORE EGGS



Manufactured by
Wilkins-Rogers Milling Co., Inc.
Washington, D. C.

Also Their Grassy Mead 26 per cent Dairy Feed and
Grassy Mead Junior 20 per cent Dairy Feed

Only THE BEST of everything goes into all these feeds, which are compounded from tried and proven formulas, and accurately and carefully mixed from the highest grade ingredients. For this reason we can guarantee you THE BEST of results from all your stock!

COME IN AND TALK IT OVER!

HEALTHIER STOCK

SATISFIED CUSTOMERS IS THE REASON FOR OUR SALES INCREASING.

HEALTHIER HENS

OAKES QUALITY POULTRY SUPPLIES

Oakes New Growing Chick Feeder

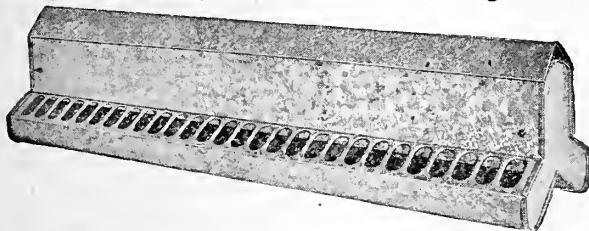


This new feeder is decidedly popular in all parts of the country for feeding dry mash and all kinds of ground feed to growing chicks and mature fowls.

Fills from the top. Feed flange can be raised or lowered to feed either fine or coarse feed. Feed cannot be thrown out and wasted. Cannot clog, as all feed is forced out under the openings by the V-shaped bottom. Chicks feed from both sides. Lid is hinged.

No.	Length	Capacity	Weight	Dozen	Each
G-28	21-in.	19 qts.	10 lbs.	\$27.00	\$2.25
G-29	35-in.	32 qts.	17 lbs.	36.00	3.00
G-30	48-in.	42 qts.	22 lbs.	51.00	4.25

Inexpensive Baby Chick Feeder for Large Flocks



This feeder is made in three sizes, 21 inches, 35 inches and 48 inches in length. Sloping hinged top prevents roosting. V-shaped bottom throws feed toward the outside and prevents clogging. 21-inch size has 32 feeding spaces. 35-inch size has 50 feeding spaces. 48-inch size has 68 feeding spaces.

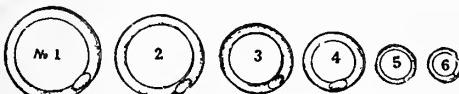
No.	Dozen	Each
G-36—(21 inches)	\$14.40	\$1.20
G-37—(35 inches)	21.60	1.80
G-375—(48 inches)	27.00	2.25

Oakes E-Z-Fill Double-Wall Fountains

A new, inexpensive double-walled fountain with heavy bail for carrying the outer can. Drinking space all around fountain. Bail is held out of water as shown. Easy to fill and clean. Packed singly. Furnished with heater for winter use. No corks or valves.

No.	Size	Weight	Gals.	Lbs.	Doz.	Each.
G-31	3	7	\$24.00		\$2.00	
G-31A (with heater)	3	9½	45.00		3.75	
G-32	5	9	30.00		2.50	
G-32A (with heater)	5	11½	54.00		4.50	

No. G-31.



No. G-118.

Perfecto Spiral Bands

No. G-118 (Asiatic), per 1,000, \$7.00. No. G-119 (American), per 1,000, \$6.00. No. G-120 (Leghorns), per 1,000, \$5.25. No. G-121 (Bantams), per 1,000, \$5.00. No. G-122 (Pigeons), per 1,000.

Large Round Buttermilk Feeder

Ideal for feeding buttermilk or sweet milk to large flocks of chicks. Splendid dry-mash feeder when not used for milk. Holds 3 pints. Cone-shaped top with 22 oval feeding holes. Made of heavy dairy tin. Top easily removed for cleaning and filling.

No. G-82—Weight 4 lbs.

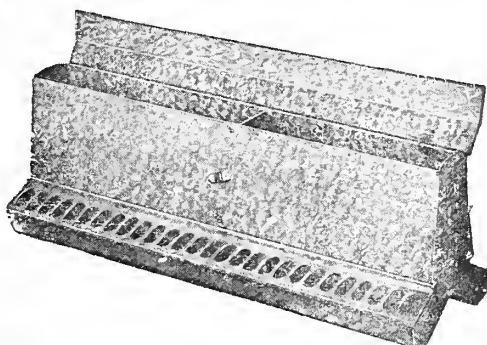
Price, 75¢.



ALL PRICES IN THIS CATALOGUE SUBJECT TO CHANGE WITHOUT NOTICE.

Oakes Convertible Chick Hopper

This hopper is designed for baby chicks, growing chicks and mature fowls. Illustration shows hinged lid open and chick feeding grate down to keep chicks out of feed. Feeding grate is raised when



used for large chicks or hens. V-shaped bottom. Cannot clog. Easily filled and cleaned.

No.	Size	Capacity	Weight	Price
G-170	21 in.	20 qts.	8 lbs.	\$2.25
G-171	35 in.	32 qts.	12 lbs.	3.00
G-172	48 in.	43 qts.	18 lbs.	4.25

New Style Mason Jar Fountain

Drinking pan of galvanized steel. Screws onto any Mason jar up to $\frac{1}{2}$ -gallon size. Pan is made $5\frac{1}{4}$ inches wide to support jar without tipping. We do not furnish Mason jars. No. G-69—Packed either 12 or 144 in box. Weight, per dozen, 5 lbs. Gross, \$14.40; dozen, \$1.20; each, 10c.



Oakes Two-Piece Chick Fountains

This is an ideal two-piece fountain because the chicks cannot get into the water or roost on top of fountain. Made throughout of galvanized steel, carefully soldered. Pan is seamless, with fluted edge. Packed twelve in box.



No.	Size	Per Doz.	Dozen	Each
G-78	1 qt.	12 lbs.	\$3.60	\$.30
G-79	2 qts.	15 lbs.	5.40	.45
G-80	3 qts.	18 lbs.	7.20	.60
G-45	4 qts.	22 lbs.	9.00	.75

Oakes Sani-Thermo Fountains

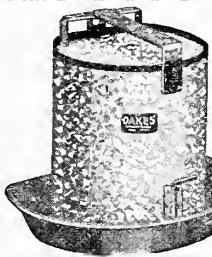
Built like a thermos bottle with two-inch insulation. Keeps water cool in summer—and warm in winter. Fills from the top as shown in cut to the left. Easy to wash or scald. Conical top prevents hens from roosting on fountain. Heavy wire bail for carrying. Made of heavy galvanized iron in three sizes:

No.	Size	Wt.	Doz.	Each.
G-16	2-gal.	27 lbs.	\$48.00	\$4.00
G-17	3-gal.	30 lbs.	54.00	4.50
G-18	5-gal.	38 lbs.	66.00	5.50



Oakes Improved Drop-Bottom Fountains

Combines the good qualities of both Flat-Back and Drop-Bottom Fountains.



Cut shows how to clean and fill.

The drinking pan is larger than on former models, thus providing more drinking space. Pan is hinged at back and fastened with catch in front. Flat back permits hanging on wall if desired. Easy to fill and clean. Has handle for carrying.

No.	Size	Wt.	Doz.	Each.
(6 in box)				
G-23	1-gal.	14 lbs.	\$15.00	\$1.25
G-24	2-gal.	20 lbs.	19.80	1.65
G-25	4-gal.	22 lbs.	27.00	2.25

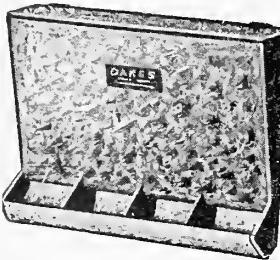
Our POULTRY SUPPLIES are made from the best materials and last longer.

Oakes Improved Handy Hopper

A splendid hopper made of galvanized steel—spot welded. Hinged lids over both hopper and trough, to keep out rats and litter. Swinging feed grate permits use of any kind of dry mash. Hopper is 15 in. high, 4½ in. wide, and comes in four lengths. Trough has no cross wires to injure combs. 36-inch has five compartments.

	Doz.	Each.
No. G-12—12 in. long, 6 in. box. Weight, 30 lbs....	\$21.00	\$1.75
No. G-13—18 in. long, 6 in. box. Weight, 38 lbs....	27.00	2.25
No. G-14—24 in. long, 4 in. box. Weight, 35 lbs....	33.00	2.75
No. G-15—36 in. long, 2 in. box. Weight, 32 lbs....	46.80	3.90

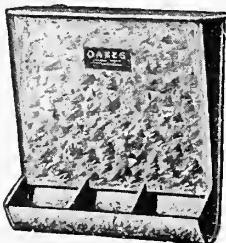
No. G-13.



Oakes Grit and Shell Boxes

Oakes Grit and Shell Boxes are used by more poultrymen than all other makes combined. Carefully made of best quality galvanized steel. Nos. G-46 and G-47 have round bottoms. No. G-49 has flat bottom. Packed 6 in box.

	Doz.	Each.
No. G-46—12 in. long. Weight 40 lbs.....	\$13.20	\$1.10
No. G-47—16½ in. long. Weight 46 lbs.....	14.40	1.20
No. G-49—10 in. long. Weight 18 lbs.....	13.20	1.10



No. G-46 (12 inches)

Oakes Capacity Fountains

SUMMER—WINTER

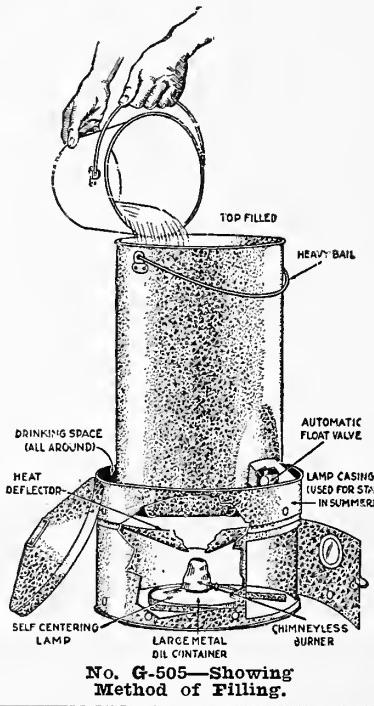
A splendid general purpose fountain that fills from the top and is very easy to clean. Conical top to prevent roosting. Heavy wire bail. Built of best quality galvanized steel. Drinking space entirely around fountain. Pan is soldered to outer can. No. G-42 and G-43 Heater fits these fountains.

	Doz.	Each.
No. G-9—5-gal. size. Wt. 12 lbs.....	\$45.00	\$3.75
No. G-9A—Including G-42 heater.....	66.00	5.50
No. G-8—8-gal. size. Wt. 20 lbs.....	60.00	5.00
No. G-8A—Including G-43 heater.....	84.00	7.00

Oakes Valve-Float Fountain

An automatic fountain that needs no corks. Control valve allows water to feed down as it is used up. Keeps water fresh. Top is removed for filling on all sizes, as shown in the illustration. Drinking space entirely surrounds the reservoir. Furnished with the famous Oakes Fountain Heater for winter use. Made in 5, 8 and 12-gallon sizes for large flocks.

G-505—5-gal. Fountain	\$3.50
G-506—5-gal. Fountain with heater... .	5.25
G-508—8-gal. Fountain	4.50
G-509—8-gal. Fountain with heater... .	6.50
G-512—12-gal. Fountain	6.00
G-513—12-gal. Fountain with heater... .	8.25

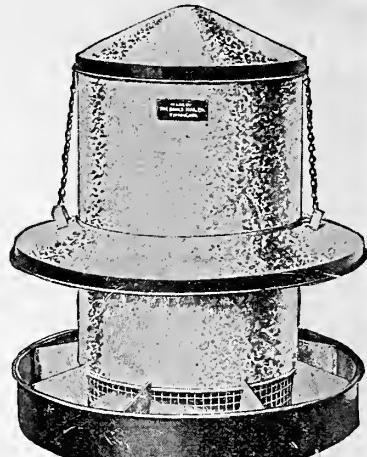


No. G-505—Showing Method of Filling.

Oakes Mammoth Round Feed Hopper

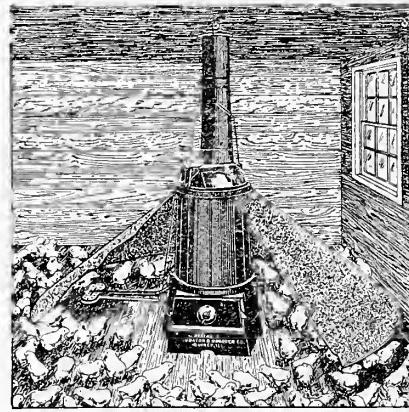
The ideal dry-mash hopper for large flocks. Accommodates more fowls with less fighting and loss of feed than any other method. Fills from top and large one holds 65 quarts of mash. Seamless pan—22 inches in diameter and 3½ inches deep. Partitions prevent throwing feed out. The hopper is made of No. 26 and No. 28 galvanized steel. Lid hangs by chains when feeding. Price only about one-half that asked for other hoppers of similar capacity. Furnished with or without stand.

No. G-10—65-quart, without stand	\$7.50
No. G-11—65-quart, with stand	88.25
No. G-510—Special 36-quart feeder with stand .. .	\$4.00
No. G-511—Special 36-quart feeder without stand .. .	\$3.50



No. G-10.

RELIABLE COAL BURNING COLONY BROODER



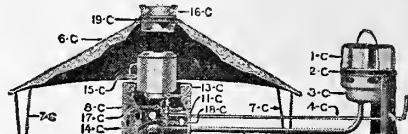
Our latest model Reliable Standard Coal Burning Brooder is unquestionably the most durably constructed brooder made. It is guaranteed to be equal or better than any coal brooder on the market. It is very popular with leading poultry men everywhere. Its construction is simple and it operates easily and with precision.

No. 9—Size canopy, 42" Comp. brooder	\$14.75
No. 10—Size canopy 52" Comp. brooder	\$18.50
No. 12—Size canopy 60" Comp. brooder	\$22.50

RELIABLE BLUE FLAME HOVER

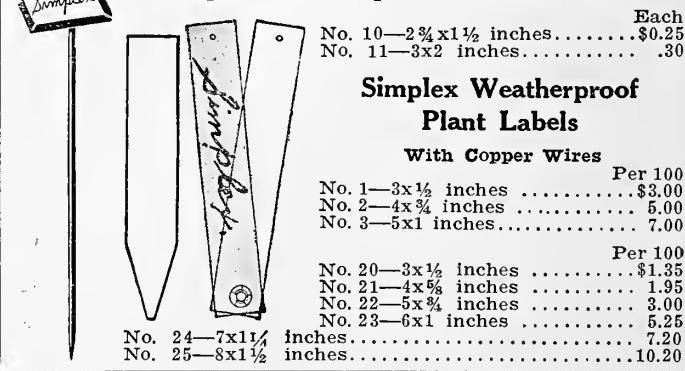
Reliable Blue Flame Hover will save you time, money and trouble. It is a revolution from the old type of brooder. Valveless, wickless and efficient, it will help you to produce Better Chicks.

No. 0—Size hover, 30 in. Comp. hover.....	\$14.40
No. 1—Size hover, 42 in. Comp. hover.....	\$14.85
No. 2—Size hover, 52 in. Comp. hover.....	\$16.90



Simplex Weatherproof Garden Labels

No. 10—2 ¾ x 1 ½ inches.....	\$0.25
No. 11—3 x 2 inches.....	.30



Simplex Weatherproof Plant Labels

With Copper Wires

No. 1—3 x 1 ½ inches	\$3.00
No. 2—4 x ¾ inches	5.00
No. 3—5 x 1 inches	7.00
Per 100	
No. 20—3 x 1 ½ inches	\$1.35
No. 21—4 x ¾ inches	1.95
No. 22—5 x ¾ inches	3.00
No. 23—6 x 1 inches	5.25
Per 100	
No. 24—7 x 1 ½ inches	7.20
No. 25—8 x 1 ½ inches	10.20

NOTE THESE REMARKABLE QUALITIES



Clean--Powerful--Safe
DISINFECTANT
DEODORANT
ANTISEPTIC

For 145 Important Farm and Household Uses.

Use For	
Contagious Abortion	Little Pig Diseases
Retained After-birth	Barn Disinfecting
Barrenness	Sterilizing
Calf Scours—Bloat	Milk Cans, Bottles
Poultry Diseases	Separators

Qt.	\$ 1.25
Gal.	3.00
5 Gal.	12.50

WHY RAISE ROSES TO FEED BUGS
MELROSINE KILLS THEM

Melrosine—one of the greatest gifts of science to the gardener, Besides killing Rose Bugs, Blister Beetles and other "difficult" pests, it is a general insecticide and a great cleansing agent. Use Melrosine and you will not have to worry about bugs or plant diseases. It has been tested and proven by leading authorities.



THE ONE SURE ROSE BUG REMEDY

Pleasant and harmless to use. Use with any good spray-pump, diluted with 20 to 25 parts of water. Guaranteed effective when used according to directions on can. Pint \$1.00. Trial size 50 cts. By mail or express at customer's expense. Or trial size, sufficient to make one gallon diluted, and care for several plants for the season, postpaid, for 60 cts.

VOLCK—Effective, Safe and Easy to Use



Controlling plant pests successfully demands a spray that will not only effectively control pests such as Red Spider, Mealy Bug, Scale, White Fly, and Aphis, but at the same time be safe to use on tender plants. Safety is particularly necessary on tender greenhouse and garden plants. VOLCK answers these requirements and fewer applications will get results.

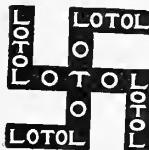
VOLCK is also a pleasant spray to handle and mixes easily with water.

VOLCK does not burn the hands or face, or eyes; does not disfigure clothing nor leave a disagreeable odor after its use. Instead, VOLCK brightens the plants and gives them a healthy, handsome appearance. VOLCK is being used by many nurseries on a large range of greenhouse plants such as asters, begonias, crotons, cyclamen, evergreens, ferns, palms, poinsettias, snapdragons, etc., for this brightening and beautifying effect, as much as for control of pests. $\frac{1}{2}$ pt. cans 50c; 1 pt. cans 75c; 1 qt. cans \$1.00; 1 gal. cans \$3.00; 5 gal. cans \$12.50; 14 gal. drums \$25.00; 28 gal. drums \$40.00.

THE NEW
INSECTICIDE
JELLY

No
Fuss
No
Muss

LOTOL



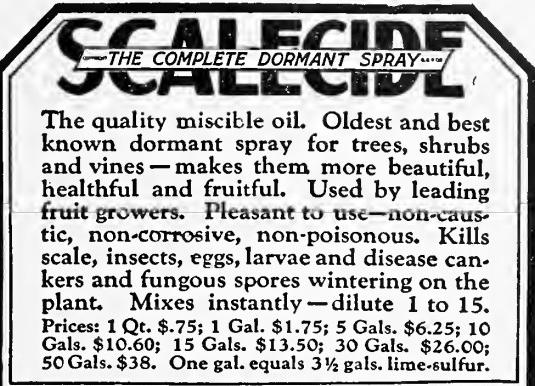
KILLS
PLANT
LICE

One Tea-spoonful
Makes a
Gallon

Lotol is the new insecticide jelly, furnishing an ideal defence against all plant lice (aphis), as well as soft-bodied and sucking insects of every kind. It is easily the most convenient insecticide ever offered.

A teaspoonful makes a gallon of powerful spray solution. Simply dissolve in warm or cold water, fill your sprayer and use. Contains sufficient soap to cause the spray to spread and stick properly.

1 ounce tube, sufficient for 6 gallons, 35cts.



The quality miscible oil. Oldest and best known dormant spray for trees, shrubs and vines—makes them more beautiful, healthful and fruitful. Used by leading fruit growers. Pleasant to use—non-caustic, non-corrosive, non-poisonous. Kills scale, insects, eggs, larvae and disease cankers and fungous spores wintering on the plant. Mixes instantly—dilute 1 to 15. Prices: 1 Qt. \$75; 1 Gal. \$1.75; 5 Gals. \$6.25; 10 Gals. \$10.60; 15 Gals. \$13.50; 30 Gals. \$26.00; 50 Gals. \$38. One gal. equals 3½ gals. lime-sulfur.

Sulfocide—truly "A Better Summer Spray" A concentrated liquid sulfur fungicide. Used on both peaches and apples and on all kinds of fruits, vegetables, and flowers. Controls: apple scab; brown rot of peaches, plums and cherries; blight and rot of potatoes, tomatoes and melons; mildew and rust of flowers and shrubs. Convenient, economical, effective. Dilute 1 to 200. Prices: 1 Pt. \$.70; 1 Qt. \$1; 1 Gal. \$2.75; 5 Gals. \$8.75; 10 Gals. \$15; 30 Gals. \$39; 50 Gals. \$60.



Increase Your Crops—Improve Your Soil

To get the best returns from your legume crops, inoculate the seed with MULFORD CULTURES. They increase the yield and improve the quality. More nitrogen is drawn from the air by inoculated legumes than is used by the plant itself, thus they add nitrogen and humus to the soil for the benefit of the succeeding grain crops.

To maintain soil fertility every crop rotation should include legumes. Up-to-date farmers use inoculation. The best are MULFORD CULTURES.

The date on the package is your protection.

When ordering always state kind of seed you wish to inoculate. Small Cost—Large Returns—Easy to Use—No Labor Expense. Free Descriptive Circular on Request.

	For Small Seeds	For Large Seeds	
1/2 bu.	\$0.60	1 bu.	\$0.60
1 bu.	1.00	2 bu.	1.00
2 1/2 bu.	2.25	5 bu.	2.25
5 bu.	4.00	10 bu.	4.00

We Highly Recommend the Special Seeds
Listed on Pages 5 and 6.

INSECTICIDES

POISONS AND LIQUIDS CANNOT BE SENT BY MAIL.

All articles on this page which may be sent by mail are so indicated.

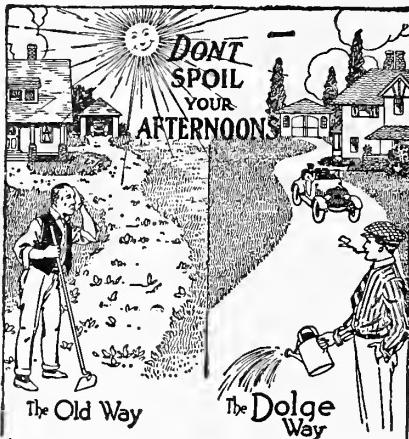
CARBOLA.—Is a splendid germ killing, white paint, in powdered form, combined with a disinfectant many times stronger than pure carbolic acid. It is non-poisonous and non-caustic. It kills lice, mites, fly eggs, etc., and helps prevent the start and spread of contagious diseases that affect man, beast and fowl. Carbola is two things in one—a paint that disinfects or a disinfectant that paints. It dries a clear snow white. It saves labor, time and money. It paints and disinfects at one operation in the same time and with the same labor required to paint or disinfect only. Pamphlet on request. 5-lb. pkg. 75 cts.; 10 lbs. \$1.25; 50 lbs. \$5.00. (Postage extra if mailed).

PYROX is a powerful fungicide and a most effective remedy for blight and all fungus diseases; a strong poison insecticide; kills all chewing insects; increases yield of fruit and promotes a healthy and vigorous vine and leaf. Recommended for use on fruit (with exception of peaches), vegetables, berries, etc. Is easy to apply. Simply mix with cold water and spray. It sticks like paint, and stays on for weeks. To be used about 1 lb. to 6 gallons of water, according to fruit to be sprayed. Complete directions with each package. 1 lb. 50 cts.; 5 lbs. \$1.75; 10 lbs. \$3.00; 25 lb. drum \$6.25; 50 lb. drum \$10.75; 100 lb. drum \$15.50. Cannot mail.

BLACK LEAF 40.—A solution of Nicotine and Sulphate containing 40 per cent nicotine. This is the insecticide so highly recommended by the experimental stations as a spray for all soft-bodied sucking insects and without injury to the foliage. It may be combined with other sprays if desired; is highly concentrated; soluble in water easy to mix, and does not clog nozzles. 1 oz. 35 cts., makes 6 gallons of spray; $\frac{1}{2}$ lb. \$1.25, makes 40 to 120 gallons of spray; 2 lbs. \$3.50, makes 160 to 500 gallons of spray; 10 lbs. \$13.50, makes 800 to 2,500 gallons of spray

SULPHUR.—Recommended to be used on Irish Potato tubers when planting, at the rate of about 1 lb. of Sulphur to 1 bushel of Potatoes, it prevents the bleeding of Potatoes and is also a preventive of scab. Per lb. 10 cts.; 10 lbs. 85 cts.; 100 lbs. \$6.50.

FISH OIL SOAP.—Makes an excellent wash for trees and plants where insects and eggs affect the bark, and for smearing on the trunks of trees to prevent worms from crawling up. Per lb., 40 cts., postpaid. Not postpaid, 35 cts.



LIKE MAGIC—DOLGE WEED KILLER

You sprinkle Dodge Weed Killer where the weeds grow. Presto! Your work is done. As though you have waved a magic wand over them, they will soon dry up and fall away into dust.

1 quart can—enough for 10 gals.....	\$0.60 a can
1 gallon can—enough for 40 gals.....	1.75 a can
5 gallon can—enough for 200 gals.....	8.50 a can

LIME SULPHUR SOLUTION.—Per qt. 40 cts.; gal. \$1.00; \$3.50 per 5 gals.; 50 gal. drum \$11.50.

TANGLEFOOT FLY SPRAY

1 pint cans.....	\$0.75
1 quart cans.....	1.25
1 gallon cans.....	2.75
½ pint hand sprayers.....	.35

Tanglefoot Fly Spray has a pleasing odor and leaves no stain. It destroys flies, fleas, mosquitoes, bedbugs, wasps, spiders, moths, as well as certain other insects that infest houses, stores, etc.

FLOUR OF SULPHUR.—Per lb. 10cts.; 10 lbs. 85 cts.; 25 lbs. \$1.75; 100 lbs. \$6.00.

TOBACCO DUST.—Fatal to green and black fly and similar garden pests, by simply dusting over the plants. If dug around the roots will keep away all pests below ground and insure health to the plants. Lb. 5 cts.; 10 lbs. 50 cts.; 100 lbs. \$3.00.



FUNGTROGEN is an effective and scientific preventative and remedy for mildew, black spot and many fungus diseases of roses and other plants. In gardens where FUNGTROGEN and its companion sprays are regularly used, Brown Canker is unknown.

Prices

½ pint	\$0.75
Pint	1.25
Quart	2.00
½ Gal.	\$3.50
Gal.	6.00

Use INSECTROGEN alternately, as a companion spray, with the famous fungicide Fungtrogen. This results in unusually fine foliage and blooms heretofore unattainable as to color, form and general beauty. A complete spray—only water is required. Makes sixty times its volume as a spray.



Kills Aphis (Plant Lice)



A scientific aphicide, perfected by rose specialists, that quickly rids your plants of aphis, the destructive tiny green or pink soft-bodied insects, commonly called plant lice, founded on the tender branches and foliage—weakening the plant and carrying disease.

Prices

2 Ounces	\$0.50	2 lbs.	\$3.50
½ lb.	1.25	4 lbs.	6.50
1 lb.	2.25	12 lbs.	15.00

Seed Disinfectants

Control Seed-borne Diseases of Farm Crops—Stimulate Germination—Improve Stands—Generally Produce Increased Yields of Higher Quality.

CERESAN for seed treatment of small grains—Prices: 8 oz. 50c; 1 lb. 75c; 5 lbs. \$3.00; 25 lbs. \$12.50; 100 lbs. \$49.00; 300 lbs. \$144.00.

SEMESAN BEL for seed white and sweet potatoes—Prices: 4 oz. 50c; 1 lb. \$1.75; 5 lbs. \$8.00; 25 lbs. \$31.25; 100 lbs. \$120.00; 300 lbs. \$345.00.

SEMESAN JR. for seed field and sweet corn—Prices: 4 oz. 50c; 1 lb. \$1.75; 5 lbs. \$8.00; 25 lbs. \$31.25; 100 lbs. \$120.00; 300 lbs. \$345.00.

SEMESAN for flower and vegetable seeds—Prices: 2 oz. 50c; 1 lb. \$2.75; 5 lbs. \$13.00; 25 lbs. \$56.25; 100 lbs. \$220.00; 300 lbs. \$645.00.

Prices

4 Ounces	\$0.60	Quart	\$2.75
½ Pint	1.00	½ Gal.	4.50
Pint	1.75	Gal.	8.00

Dahlia Poles, Heavy, Tapering.

Doz.	100	4 ft.	2.15	13.25
3 ft.	\$1.55	5 ft.	2.65	16.75
3½ ft.	1.85	6 ft.	3.35	20.85

Japanese Plant Stakes—Bamboo canes, light, durable, and can be used three or four years, as they do not rot.

6 ft.	Bale (2,000), \$17.00	\$1.75	\$10.00
8 ft.		3.50	27.00
10 ft.		4.25	35.00

Japanese Plant Stakes (dyed green)—

100	1,000	Bale (2,000)	100	1,000	Bale (2,000)
1½ ft. \$0.35	\$2.25	\$3.50	3½ ft. \$1.30	\$5.75	\$8.50
2 ft. .75	2.75	4.50	4 ft. 1.40	6.75	10.00
2½ ft. .90	3.75	7.50	5 ft. 1.70	7.75	13.50

Square Maple Stakes—These Stakes are very even and used extensively for staking lilies and other plants.

24 in.	\$4.00	36 in.	1,000
27 in.	4.50		\$7.00

Stakes—

For tying up hyacinths, tulips, fuchsias, and all small pot-plants.

Hyacinth, painted, 12 in.	\$2.25	\$10.25	\$19.50
Hyacinth, painted, 18 in.	3.25	15.50	29.50

IRON AGE TOOLS

With expander lever and plain wheel.

EQUIPMENT
4 No. 82 points
1 No. 84 point
2 No. 12 steels
1 No. 14 sweep

No. 600-EP

Packed weight,
77 lbs.

Price, with Lever \$11.50
Less Lever 10.25

The 605 with Lever 5-Tooth Cultivator

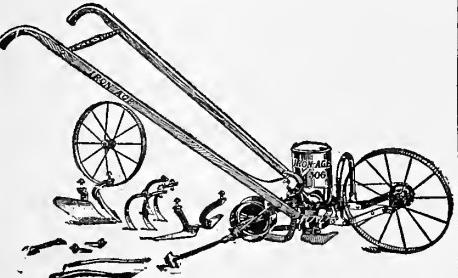
Price, each \$7.65
With Lever 8.90

Strong and simple, and is the best tool for sections where a strong, low-priced tool is needed; also where laborers are careless or do not know how to handle machines. When set to do certain work it does that work—cannot get out of adjustment.

Single and Double Wheel Hoe

No. 306 Combined Hill and Drill Seeder

The No. 306 is our most popular and complete garden tool, especially planned for the convenience of the home and market gardener. The specialist too who grows chiefly a single crop requiring few changes from seeder to wheel hoe will find No. 306 the most economical tool.



No. 306 Complete Hill and Drill Seeder, Single and Double Wheel Hoe, with all tools—packed weight, 62 pounds.
Price, each \$18.75

No. 316 Hill and Drill Seeder Only

Price, each \$12.75

No. 301 Double and Single Wheel Hoe



Price, each \$9.75

This double and single wheel hoe can be changed quickly from one form to the other—an extremely valuable feature. When the plants are young, the double wheel hoe should be used astride the row. Later, the single wheel hoe can be used in working between the rows, after the plants have grown too high to be worked properly in any other way.

You can hoe, cultivate, ridge growing crops; weed, level and pulverize your soil; open furrows for planting potatoes and other seed, mix the fertilizer with the soil, and cover the seed after planting.



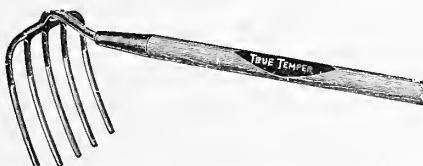
Price, each 35c Price, each 35c



Price, each 40c



Price, each 40c



Price, each 50c, \$1.00, \$1.25, \$1.50



Price, each \$1.50, \$2.00, \$2.25



Wood Handle Dibbles
Price, each 75c

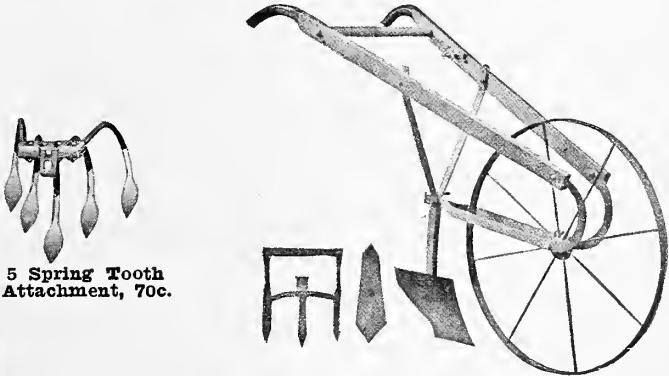


Spading Fork
Price, each 50c



Forged Steel Garden Trowels
Price, each 75c

No. 25 Boy Scout Garden Plow, \$3.25



SPRAYERS

Brown's Auto Spray No. 9



changeable discs. Made with either brass or galvanized reservoir, as follows:

Auto Spray No. 9-B, brass tank..... \$9.00
Auto Spray No. 9-D, galvanized tank..... 6.50

Brown's Auto Spray No. 50

$2\frac{1}{2}$ gallon compressed air sprayer. This sprayer has the same pump and locking device as the Auto Spray No. 9. It is made with both a brass and galvanized reservoir and is guaranteed to give satisfaction. We recommend this smaller size compressed air sprayer where the spraying is not too extensive. On account of it being smaller it is lighter and on account of its smaller capacity, not so much solution is carried about. For that reason it is very convenient if any of the spraying is to be done by a woman or a child. The shipping weight of the Auto Spray No. 50 is 9 lbs. Made in two styles, as follows:

Auto Spray No. 50-B, brass..... \$7.50
Auto Spray No. 50-D, galvanized tank..... 5.00

Auto Spray No. 22-A



Is a single acting tin atomizer for spraying disinfectants, house-fly insecticides, agricultural insecticides, cow-fly sprays, floor oils, etc.
Auto Spray No. 22-A, all tin..... 50c
Brass Tank..... \$5.50 Galvanized Tank..... \$3.00

Auto Spray No. 5

Pump only..... \$5.50



THE SAME
SPRAY WITH
HALF THE
LABOR

A high pressure yet light and durable sprayer made entirely of brass. It is DOUBLE ACTING producing a continuous spray and will generate a pressure of 180 pounds per square inch.

May be obtained with or without brass or galvanized tank. The pump can be used with any receptacle the user may possess for spraying trees or whitewashing when purchased as shown in Fig. 468. Where field work is to be done and the sprayer has to be moved about constantly we advise purchasing with this pump the Knapsack Tank is shown.

Brown's Auto Spray No. 26 Continuous Atomizer

It Sprays Continuously

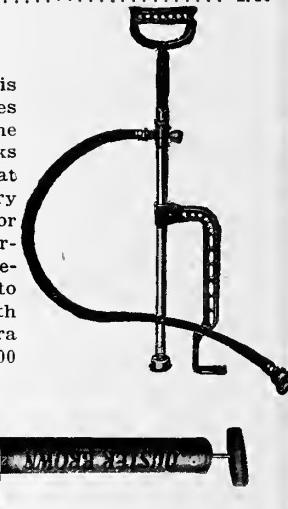


Made in the following styles:

26-A, tin \$1.00
26-C, brass 1.40

Brown's Auto Spray No. 6

High pressure bucket pump. This double-acting, all brass pump generates a pressure of at least 200 lbs. to the square inch. This high pressure breaks the spray up into a very fine mist that travels considerable distance. It is very light and easily carried about and for that reason is an excellent general purpose sprayer. It will also handle whitewash and cold water paint. The Auto Spray No. 6 is regularly equipped with a brass strainer nozzle with extra discs

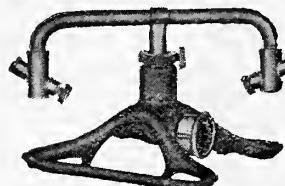


Duster Brown 2-C

An efficient quart duster that is made with adequate agitation so that all dust can be used. The nozzle breaks the dust into a fine enveloping cloud.
Duster Brown No. 2-C..... \$1.15

Whirling Showers

BROWN'S
Adjustable and Variable
Whirling Showers
LAWN SPRINKLER



This variable, adjustable lawn sprinkler can be used for sprinkling almost any lawn or golf course. By arranging the nozzle a very wide spread is obtained and by cutting the nozzle down to a fine mist, a very fine hanging cloud of mist can be obtained to float over golf greens, etc. This lawn sprinkler is not packed with soft packing, but the pressure holds the stem in place so that there is no leak at the revolving head and on account of no soft packing being used, the longer this device is used, the tighter the fit. The nozzle and the turning stem and arm are all made of brass and the brass is made of malleable iron so that it will not break or will not rust. There never before has been a lawn sprinkler of this type sold at the price shown below.

Brown's Whirling Showers Lawn Sprinkler..... \$2.75

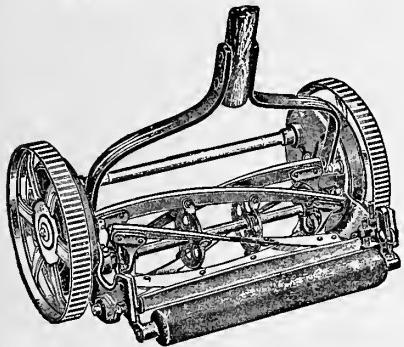
All the TOOLS we sell are made by standard manufacturers and are guaranteed to do perfectly the work claimed for them.

COLDWELL

SINCE 1867

Dependable LAWN MOWERS

Imperial Roller Bearing



Designed to meet the demands of park and cemetery superintendents. Durable, light running, easy to push and requiring minimum of attention to adjustments. Roller bearings enclosed in dust-proof housings. When packed with light grease will need no further oiling for the season. Best lawn mower on the market for hard service in parks, cemeteries, etc.

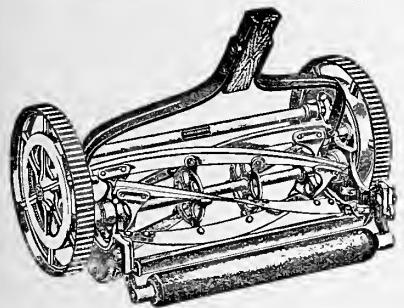
Width of cut: 16, 18, 20 inches.

Wheels: 10½ inches, six spokes, open style.

Height of cut: ½ to 1½ inches.

Price.....\$18.00, \$20.00 and \$22.00

Ambassador (Ball Bearing)



A high-grade, light weight machine at a medium price. Positively the best lawn mower ever built for the price asked. Five crucible steel blades; finest drop-forged steel, case hardened ball-bearings; open type, light but very strong frame; open style, 10 inch, solid center, six spoke wheels; laid steel, finest quality, self-sharpening bottom knife.

Width of cut: 16, 18 inches.

Height of cut: ½ to 1½ inches.

Price.....\$15.50 and \$16.50

Robertson Compressed Air Sprayers

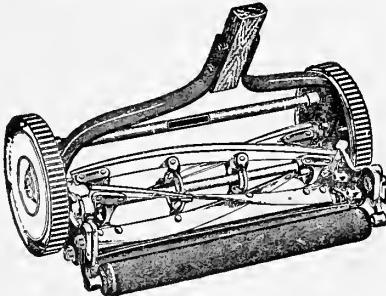


Price, each, Tin\$1.00
Galvanized 1.25
Copper 2.25

1—Straight nozzle. 2—Universal nozzle detached. 3—Shows universal nozzle as attached to holder for safe keeping when not in use. To use the universal nozzle it is substituted for the straight nozzle No. 1 on the end of the tube.

NOT LIKE ORDINARY SPRAYERS—ASK TO BE SHOWN THE DIFFERENCE.

Jewel (Bronze Bearing)



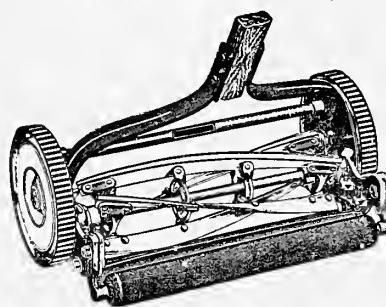
The Jewel is a first-class low wheel, bronze bearing machine at a reasonable price. Light weight and very desirable for terraces and small lawns. Built low for close cutting. Four crucible steel blades; bearings of adjustable split bronze bushings; solid style, 8-inch wheels; laid steel blade, self-sharpening bottom knife.

Width of cut: 12, 14, 16 inches.

Height of cut: ¾ to 1½ inches.

Price.....\$9.50, \$10.50 and \$11.50

Colonial (Ball Bearing)



The Colonial is a first-class low wheel, ball-bearing machine at a reasonable price. Light weight and very desirable for terraces and small lawns. Built low for close cutting. Four crucible steel blades; finest drop-forged steel, case hardened ball bearings; solid style, 8-inch wheels; laid steel blade, self-sharpening bottom knife.

Width of cut: 12, 14, 16 inches.

Height of cut: ¾ to 1½ inches.

Price.....\$10.50, \$11.50 and \$12.50

Improved Horse Mower

The machining of all gears and parts is held to close limits and greatest care is used in the selection of material and assembling the parts. On the market for over 40 years.

Width of cut: 30, 35, 40 inches.

Price.....\$115.00, \$135.00 and \$155.00

The Perfecto Flower Box

Enjoy Healthier Flowers in this Scientific Box

Proper Irrigation — Proper Ventilation



The Perfecto Flower Box embodies correct, approved, scientific principles for raising luxuriant plants and flowers indoors or outside. Patented system with water entrance at both ends feeds water properly at roots of plants and circulates air beneath soil; keeps it from souring. Maximum beauty in home or on the porch and rapid growth of plants made certain in winter or summer. This is one of the new inventions and we think it is the best and most attractive Flower Box made.

We have the following sizes enameled in green finish or old ivory finish. Specify color desired in ordering. Delivered upon receipt of price.

Prices

20 in. long, 6 in. deep, 7 in. wide.....	\$1.00
26 in. long, 6 in. deep, 7 in. wide.....	1.50
32 in. long, 6 in. deep, 7 in. wide.....	2.00
38 in. long, 6 in. deep, 7 in. wide.....	2.50
44 in. long, 6 in. deep, 7 in. wide.....	3.00

The Myers Portable Sprayer



PATENTED JAN. 16, 1912.

With Cog Gear Spray Pump and Dasher Agitator.

Made of Extra Heavy Galvanized Iron; Capacity 12½ Gallons; Suitable for Greenhouse Work, Spraying Trees, Whitewashing Painting, Etc. A General Utility Pump for the Home.

Use Myers Spray Pumps for Spraying Cattle and Hogs to remove Ticks or Lice. Much Cheaper Than Building a Vat and Just as Effective.

Figs. 1614 and 1690 illustrate the Myers Portable Sprayer as made for general use as a handy outfit about the home, greenhouse or orchard.

The pump is similar to our No. R318B fitted with cog gear handle and dasher agitator. It is securely attached to the tank by means of a clamp connected direct to the channel iron that surrounds the top of the tank held in position by one thumb screw. The handle can be located at any point desired.

Fig. 1614. Recommended for outside work.

Fig. 1690. Specially designed for inside work as the short handles permit turning in narrow alleys.

Fig. 2276. Recommended for small greenhouses, chicken houses and similar work.

Price List, Represented by Figs. 1614, 1690 and 2276.

No. R337B, Myers Portable Sprayer, Fig. 1690, complete as shown in illustration, with Dasher Agitator, 15 feet ½ inch 5-ply discharge hose, 8 foot extension and Vermorel Nozzle. Wheels 15½ x 1¼ inch. Price (Table) \$26.00

The Myers O. K. Cog Gear Spray Pump

PATENTED JAN. 16, 1912.

WITH MALLEABLE IRON BASE AND HANDLE
For Hot, Cold or Any Kind of Mixture. Has Mechanical Agitator, Solid Brass Ram Plunger, Ground Bevel Valve and Seat. 2½ Inch Cylinder.

The cog gear increases the leverage 33 1/3 per cent over the ordinary plain handle. The special features are the cog gear, and the malleable iron base which is adjustable and is made for end or side of barrel. Base for end of barrel is furnished regularly. If pump is wanted for side of barrel, must be stated on order. The plunger is a solid brass tube with closed end, is outside packed, with hemp packing. The packing gland is adjusted by two bolts. The valve and seat are hard brass. The air chamber is 2 1/2 inch. This in connection with the



cog gear enables the operator to carry a pressure of 200 or more pounds, if necessary.

No. R318B. Myers Cog Gear Barrel Spray Pump complete, Fig. 1521, with one lead of 15 feet of ½ inch 5-ply discharge hose, graduated Vermorel nozzle, and mechanical agitator. Price (with barrel) \$26.00
5-Ply Hose. Price, per foot (Feet)20
Bordeaux instead of Vermorel nozzle furnished without extra charge when specified.

Always Use Pipe Extension—You Get Better Results

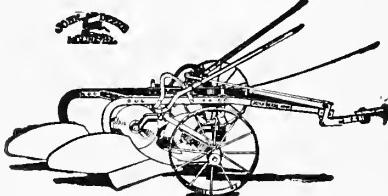
No. R308B. Outfit same as above, with one lead of 15 ft. of 7-ply ¾-inch discharge hose and one Fembro (Fig. 1290) nozzle. Price, each (with barrel) \$38.00

No. R308C. Same outfit with two leads of 15 ft. 7-ply ¾-inch hose and two Fembro (Fig. 1290) nozzles. Price, each (with barrel) 45.00
7-ply Superior Hose, our brand. Price, per ft. (Fray)30

Always Use Pipe Extension—You Get Better Results

John Deere Quality Farm Implements

John Deere No. 40 Tractor Plow



Built expressly for the Fordson Tractor, and perfectly adapted to it. Possesses features not found in any other plow—features absolutely essential to ease and convenience of operation. Operated entirely from tractor seat.

Quick Detachable Share.
Rolling Landside.

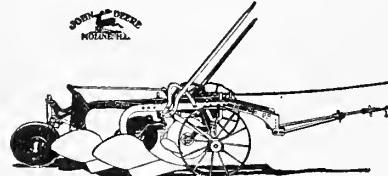
Automatic Hitch.

15 Inch Combination Rolling Coulter and Jointer.

Price

12 Inch \$95.00
14 Inch 97.50

John Deere No. 45 Tractor Plow



Points of Merit

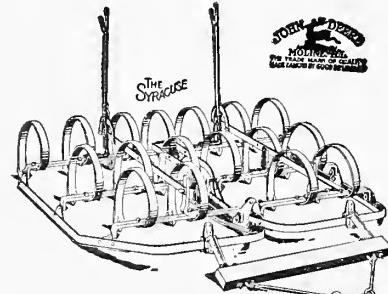
Beams guaranteed not to bend or break. Hot-riveted frame connections.

Widely adjustable hitch.

Pulls light—more work with less fuel. Unusual light weight plus great strength.

12-Inch \$100.00
14-Inch 105.00

Syracuse Spring Tooth Float Harrows

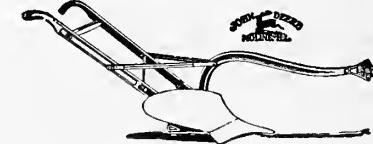


The spring teeth penetrate to a greater depth than other style harrow teeth, dig up the lower stratum of soil and bring it to the surface, where it is mixed with the top soil.

Price Spring Tooth Harrows

15 Teeth \$25.00
17 Teeth 27.00
23 Teeth 35.00
25 Teeth, 3 Sections 40.00

John Deere "B" Walking Plow

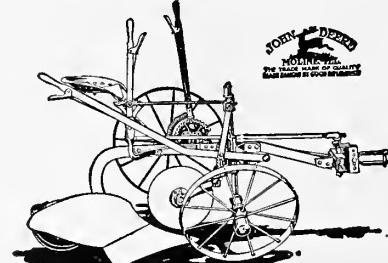


The John Deere "B" does good work in old ground, stubble or tame sod. Share equipment adapts it to a variety of soils. You will find in this plow the distinctive qualities that have made John Deere plows leaders for nearly a century.

Moldboard of genuine hardened soft-center steel is shaped to handle mixed land to best advantage and is double-shinned to resist wear.

No. B110 \$25.00
Add for Wheel 2.00
Jointer 4.50

John Deere Syracuse No. 210 Sulky Plow



It is a three-wheel, poleless plow, self-guiding, with tendency toward side draft practically eliminated.

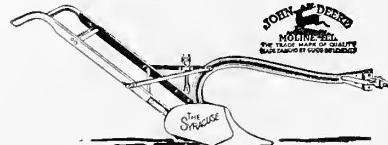
The weight of plow and frame is actually all wheel-carried—on three oiled axles.

That it will do good work, we guarantee—and a Syracuse guarantee needs no qualifying statements.

Put your boy on it.

Price, 12-inch \$60.00

John Deere Syracuse Chilled Plows



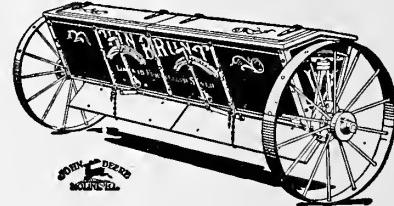
Syracuse Chilled Plows are the result of nearly fifty years' study and experience in plow manufacture.

"Quality" always has been the motto of the Syracuse Chilled Plow Company.

Prices

No. 1467—Cut 5 to 7 inches.....	\$10.25
No. 1465—Cut 7 to 9 inches.....	15.50
No. 1464—Cut 8 to 10 inches.....	17.50
No. 1463—Cut 10 to 12 inches.....	20.00
No. 1459—Cut 5 to 7 inches.....	9.50
Add for Wheel.....	2.00
Add for Jointer.....	4.50

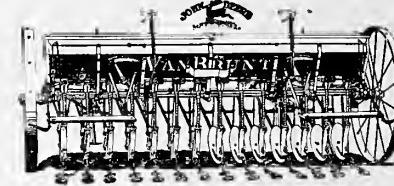
John Deere-Van Brunt Lime and Fertilizer Sower



Price \$75.00

A lime and fertilizer sower will soon pay for itself in increased crop yields resulting from proper replenishing of soil nourishment. The Van Brunt Sower covers a strip 8 feet wide and has a carrying capacity of 10 bushels. Improved rotary wing feed insures even distribution of dry, crushed lime rock, slacked lime, all brands of standard commercial fertilizer, nitrate of soda, etc., in any desired amount from 150 to 8,000 pounds per acre. Double feed shaft—one-half the machine can be disengaged from feeding mechanism by releasing pawls.

John Deere-Van Brunt Disc Fertilizer Drill With Grass Seed Attachment



8x8 Single Disc \$148.00

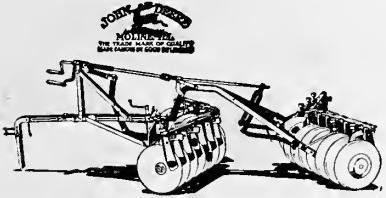
9x7 Single Disc 156.00

11x7 Single Disc 170.00

16x7 with Tractor Hitch 245.00

Distributes any standard fertilizer and plants grain at the same time—also grass seed, when attachment is used; or it will handle any one of the three alone. All feeds can be thrown out of gear and discs used for stirring soil without seeding or fertilizing. Each wheel drives half the feeds, insuring positive and steady operation. One-half of grain feeds can be used for finishing a field or seeding narrow places. Van Brunt Adjustable Gate Force-Feed is one of the best seeding devices made. Drill handles fertilizer in quantities from 65 to 1,250 pounds per acre. Plants wheat, oats, barley, flax, rye, rice, alfalfa, peas, beans, corn, etc.

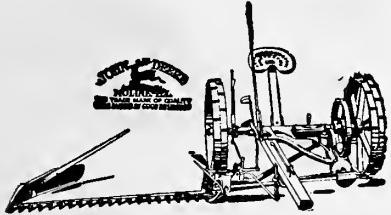
John Deere Model L Tractor Disc Harrow—With Yielding Lock



Front and rear sections are angled by independent cranks convenient to tractor operator, without backling or stopping harrow. Automatic yielding lock coupling, an exclusive feature, compels rear discs to cut ridges left by front gangs. Gangs work independently—soil is worked full width; no binding or twisting of frame. Plowed yoke and pressure spring controlled by crank allows light or heavy pressure on discs. Aligning device provides means of locking rear discs in position for best work. Adjustable, extra wide scrapers keep discs clean.

6 ft. 24-16 Inch Disc.....\$114.00
7 ft. 28-16 Inch Disc.....120.00

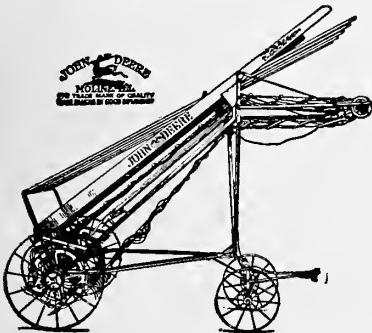
John Deere High Lift Mower



An extremely simple mower with a high, easy lift. Bar raised with foot lift ample high to pass over ordinary obstruction. With hand lift bar raised extremely high. A boy can operate it. Special arrangement of simple driving gears prevents side strain and undue wear on bearings—maximum power delivered to carefully-made and accurately-fitted knife. Location of pinion on crank shaft prevents end thrust. Bar attached to wide yoke with large steel pins. Twenty-one point clutch insures instant starting. Cutter bar floats and has great flexibility. All adjustments and repairs quickly and easily made with ordinary tools.

6 ft. Two-Horse\$82.00
3 1/2 ft. One-Horse.....77.00

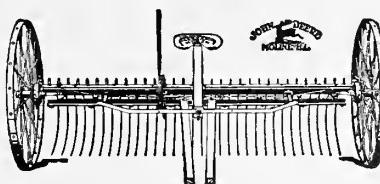
John Deere Single-Cylinder Windrow Hay Loader



Very light draft and minimum number of working parts. Single drum mounted directly on the axle. Hinged carrier makes loading easy in windy weather. Furnished regularly with forecarriage—no lifting is necessary when coupling to wagon. Extra strong, well-braced frame with hot-riveted corner plates. Gets all the hay when properly raked into windrows. Handles alfalfa, clover and beans without knocking off valuable foliage parts. Capacity ample for all side-rake windrows.

Price\$120.00

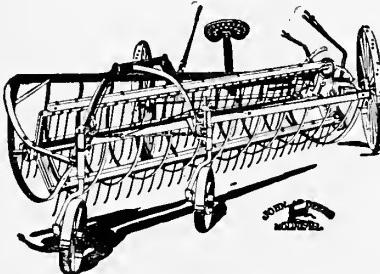
John Deere Self-Dump Sulky Rake



The rake that gives extra years of service. Wheels interchangeable, and dump rods reversible, giving extra wear without repair expense. Arched steel axles give wheels proper pitch and gather—wheels cannot tip in at top and out at bottom. Steel truss rod reinforces rake head—prevents sagging. Tooth holders accommodate large or small number of teeth. Adjustments provided to keep rake in perfect working order. Tripping device is positive and simple. Set of teeth quickly changed with adjustable lever bar. This rake is easy to operate and does a real job of raking.

8-Foot\$41.50
9-Foot45.00
10-Foot46.50

John Deere-Dain System Rake



For Air-Curing Hay

This rake aids the hay-grower in producing hay that brings the highest market price. Air-cures hay without loss of color, foliage or feeding value when used according to the John Deere-Dain System of Air-Curing Hay. Rake follows mower while leaves are still active and lays the hay in loose, fluffy windrows, leaves inside, butts out. The foliage thus protected cures properly, does not get brittle and break off. Inclined frame gives greater capacity as volume of hay increases. Curved teeth lift hay gently—no dragging or threshing. All adjustments are made from the seat.

Price\$115.00

John Deere-Syracuse No. 99 Contractors' Plow

In shale, in hard-pan, in all difficult conditions so frequently encountered by the grading contractor, the No. 99 never fails to give a good account of itself. This plow is built strong; has steel truss beam, steel moldboard and landside. Has separate shank piece which can be replaced at small expense. The share, of heavy overlaid wrought steel, has unusual wearing qualities. Adjustable shoe allows change in depth and steadies plow. Loop handle wear irons protect handles when plow is thrown on its side. Four-to-six horse.

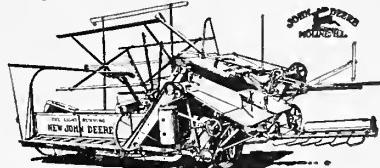
Price\$70.00

John Deere-Syracuse No. 98 Pavement Plow

Something has to yield when the No. 98 gets on the job. It will usually go wherever the horses take it, tearing up cobblestones and macadam as easily as a field plow penetrates mellow soil. It has adjustable and double-reversible crucible steel point, adjustable shoe, steel handles with loop handle wear irons. Built to work behind four or six horses. This plow is strongly built throughout, and is a great favorite with contractors.

Price\$40.00

John Deere Grain Binder



Main frame extra strong. Bars are widely overlapped and hot-riveted together. Into forged-in-frame bearing supports, are fitted self-aligning bearings which cannot get out of line. Strong, wide-tired steel main and grain wheels. Platform, rigidly braced, prevents binding of canvas and knife. Knotter parts subject to wear are made of best steel and case-hardened. All-steel quick-turn tongue truck relieves horses of side draft and neck weight. Because axle of truck is flexibly mounted wheels hold to uneven ground and keep binder running straight.

6 ft.\$220.00

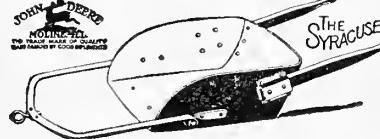
7 ft.225.00

Add \$14.00 if tongue truck is wanted.

8 ft.\$250.00

Includes tongue truck.

John Deere-Syracuse Drag Scrapers



Made of heavy steel plates, the bowls being cut from a single sheet, pressed cold, lapped and riveted at the corners where extra strength is needed. Heavy shoes, or runners, stiffen and strengthen the bottom. Special steel used in the bail, which is hung so that scraper handles easily. Handles of straight-grained hardwood set in sockets of extra length. The "Syracuse Special" is a heavy scraper. The "Syracuse Special," identical in shape and similar in construction, is of lighter weight.

No. 1—Capacity 7 cubic feet.....\$10.00

No. 2—Capacity 5 cubic feet.....9.25

No. 3—Capacity 4 cubic feet.....8.00

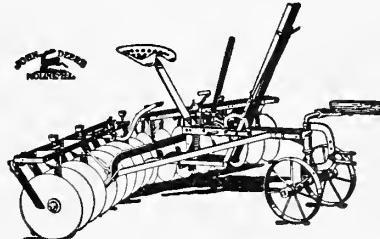
No. 0—Capacity 9 cubic feet.....18.00

John Deere-Syracuse No. 1 Contractors' Plow

The busy contractor will find that the No. 1 plow meets every requirement on general grading jobs where fast, thorough work is desired. The No. 1 turns furrows 5 to 9 inches deep and 12 to 15 inches wide. Built to stand the strain—extra heavy beam, share and landside, steel wheel frame, loop handle wear irons. Steel handles can be furnished when desired; also steel shares on repair orders. Regular with gauge wheel and one extra share. Weight with wheel—265 pounds.

Price\$32.00

John Deere Model "B" Disc Harrow



For nearly thirty-five years thousands of farmers have considered the John Deere Model "B" the best disc harrow. One reason for this is the extreme flexibility of the harrow—it's ability to penetrate, pulverize and pack the soil its entire width wherever a disc harrow can be operated to advantage.

8-16 in. Disc, 4 ft.\$46.50

10-16 in. Disc, 5 ft.49.50

12-16 in. Disc, 6 ft.55.50

Above prices do not include tongue truck, price of which is \$7.75 extra.

John Deere Spike Tooth Harrow

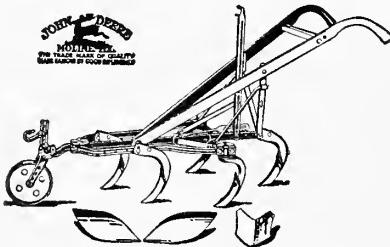
A NECESSITY

From the standpoint of time operated and money invested, the Spike Tooth Harrow is the most economical implement used in the seed-bed preparation.

Prices of John Deere Spike Tooth Harrows

25-Tooth, 1-Section	10.50
30-Tooth, 1-Section	12.00
50-Tooth, 2-Section	\$20.00
60-Tooth, 2-Section	22.00
75-Tooth, 3-Section	35.00
90-Tooth, 3-Section	38.00
120-Tooth, 4-Section	55.00

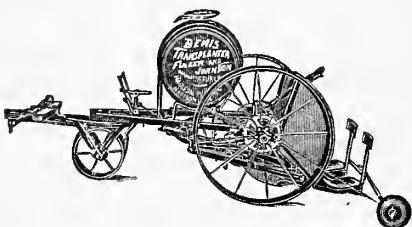
John Deere One-Horse Cultivators



Popular for years among market gardeners. So handy in operation that they make hoeing unnecessary. Expendng lever for narrowing or widening cut adapts them for great variety of row crops. All parts substantially made. Shanks, drop-forged from steel plates, have great strength without excessive weight and are adjustable to different angles. Long steel handles are adjustable for height, and have comfortable wood handgrips. John Deere shovels do good work, have perfect polish, scour well, have proper set and suction, are well sharpened and give extra long service.

With Lever \$8.50
Less Lever 7.75

Bemis Transplanter

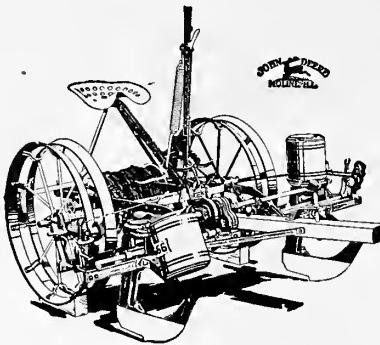


Will set tobacco, cabbage, tomatoes, sweet potatoes, strawberries, nursery slips, etc., better than can be done by hand. The plants start growing sooner, mature more evenly, and a larger yield results. The Bemis has been the leader for 35 years and embodies several distinctive features such as—

The floating shoe,
Uniform pressure on uneven ground, and
Perfect spacing device .

Price \$100.00

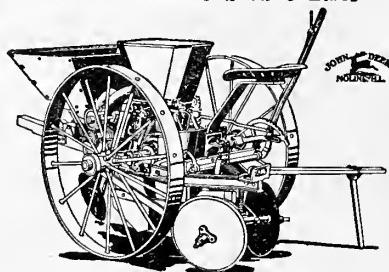
John Deere No. 999 Corn Planter



Widely recognized as the most accurate planter on the market. The John Deere Natural Cell-Fill, Edge-Delivery seed plates, sloping hopper bottom, improved metal cut-off and roller knocker insure positive feed and unfailing accuracy. Plants accurately whether the hopper is full or nearly empty. Seed plates for handling every kind of corn; also beans, sorghum, milo maize and many other seeds. Variable drop plants two, three or four kernels in each hill as desired. The number of kernels per hill can be varied merely by shifting foot lever, without stopping the machine. Also varies the distance in drilling. Easy to change from hillling to drilling. Underhung reel; a touch of the toe releases check wire. Fertilizer can be checked with each hill or drilled along the row.

With Fertilizer Attachment.....\$105.00
Less Fertilizer Attachment..... 80.00

Hoover One-Man Potato Planter With Automatic Seed Control



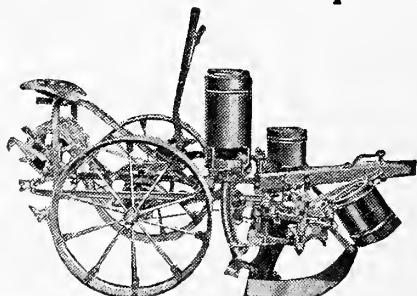
The "visible" planter with automatic seed control. Accuracy assured because the proper amount of seed is always in the picking chamber. Another big feature is the method of dropping the fertilizer. Every particle thoroughly mixed with the soil, absolutely preventing any fertilizer coming in contact with the seed.

The Hoover is light draft and easy to handle. Is practically all steel and very strong and durable.

Furrow openers and disc coverers are handled by one lever and are so placed as to secure uniform depth of planting and covering of seed. Opener makes a narrow grooved furrow for seed.

Price \$130.00

Superior No. 24 Corn Planter

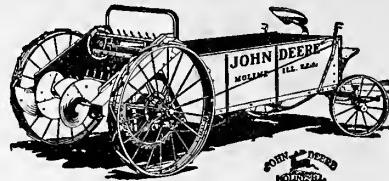


Simple and plain construction.
No clutch on feed shaft to get out of order.
Patent Vibrating Ribbon Steel Fertilizer Conductor Tubes.
Clean Inside. Patent Non-Clog Fertilizer Valves.
Adjustable for planting rows from 28 to 48 inches apart.
Fertilizer may either be deposited in hills or drilled in the row, when checking the corn.
Double Adjustable Marker.

RUNNER
With Fertilizer Attachment.....\$103.00
Less Fertilizer Attachment..... 78.00

DISCS
With Fertilizer Attachment.....\$106.00
Less Fertilizer Attachment..... 85.00

New John Deere Manure Spreader



Price with 2-Horse Hitch.....\$170.00
Price with 3-Horse Hitch..... 172.50

The beater on the axle and the box-roll turn, both exclusive features on the New John Deere, have made it possible to give you these distinctive spreader advantages: —a low, easy loading box that saves much work in loading.

better work because the large beaters are near the ground—winds will not cause the manure to drift.

longer life resulting from simplicity of design, fewer parts plus extra strength where needed.

Hoover Potato Digger



Well known for its ability to get all the potatoes under the most difficult conditions. The Hoover is light draft and well balanced. It penetrates easily and leaves the potatoes in good condition due to the peculiar design of the elevator which removes the dirt much more readily and elevates the potatoes without rolling and bruising them.

The main sides are of Bessemer steel rolled with a rib. This is exclusive with the Hoover and practically eliminates side breakage.

Price \$112.00

No. 1 Syracuse Contractor's Plow

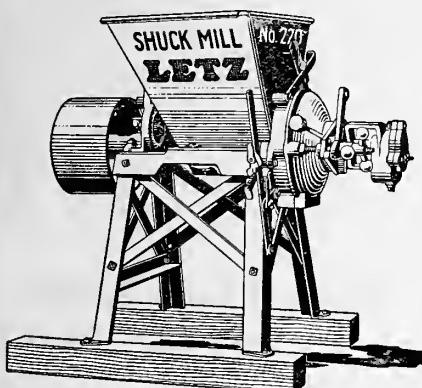


Hard iron wearing parts. Extra heavy beam, share and strip. Steel wheel frame. Loop handle wear irons. Steel handles furnished when desired; also steel shares on repair orders. Will turn a furrow 5 to 9 inches deep and 12 to 15 inches wide. An excellent plow for general grading purposes. Has cast mold and share. Regular with gauge wheel and one extra share.

No. 1 Contractors'—Two or Four-Horse. Weight, with wheel, 205 lbs. Price, \$31.50.

The Letz, America's Leading Feed Mill

Letz Hopper Grinders



Price \$28.25

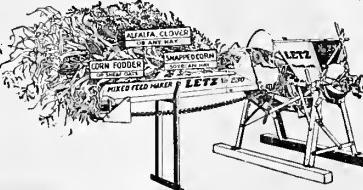
No. 210. 10-inch with outer bearing and full length agitator 15 to 20 H. P. Speed 700 to 850 R.P.M. Pulley 12x6 with A234 plates in and A231 plates extra. Capacity 1500 to 2500 lb. per hour. Price \$56.50

No. 220. 10½-inch double faced grinding plates, heavy duty mill with automatic oiling end bearing, agitator and extra set of B34 plates and B33 plates in mill, speed 850 to 1200 R.P.M. 15 to 25 H. P. Pulley 12x8. Capacity 2000 to 3000 lb. per hour. Price \$70.00

Letz Mixed Feed Makers

LETZ MIXED FEED MAKERS With Knife Grinding Attachment

No. 130. Letz roughage grinder with 10-inch plates, with a 9-inch 4-knife cutter, double automatic, "all-steel" force feed table, on skids, complete with AA230 plates in and A231 plates extra. Speed 600 to 850 R.P.M. Pulley 12x6. 6 to 20 H. P. Weight 920 lbs. Price \$185.50



No. 230. Letz roughage grinder with 10½-inch Double Face plates with a 10½-inch 4-knife cutter, double automatic force feed table on skids, knife grinder attachment, B31 plates in and B34 plates extra. Speed 650 to 850 R.P.M. Pulley 14x8 inches. 15 to 25 H. P. Weight 1177. Price \$250.00



Ball-Bearing Grindstone

NO. 300

One of the strongest built, and is practically indestructible. Price, each \$8.50

Thornhill Push Cart

Made of best material. Strong and durable.

Depth of body, 9 inches. Width of body, 32 inches. Length of body, 39 inches. Wheels, 36 inches high. 1½ inch Tire, 1 inch Axle. Price \$17.00

Thornhill Farm Gear

Made of strong, substantial material. Will run light enough for two small horses, and is strong enough for two large ones. Steel axles, capacity 3,500 lbs.

Regular Equipment—Wheels, 32 in. and 36 in. high. Tire, 3 x ¾ inch. Drop Tongue and Club Stakes. Price \$75.00

BUCH'S GOLF ROLLERS



Horse or Tractor Hitch

Drums—Cast Iron, ground smooth and outer edges rounded.
Description of Sizes

No.	Dia. Ins.	Length Ft.	Face Sec.	Weight Lbs.	Price.
370	20	5	5	1150	\$135.00
371	20	6	6	1300	148.00
372	24	5	5	1450	167.00
373	24	6	6	1700	180.00
374	28	4	4	1350	160.00
375	28	5	5	1650	183.00
376	28	6	6	1950	215.00

Buch's One Horse Golf Roller

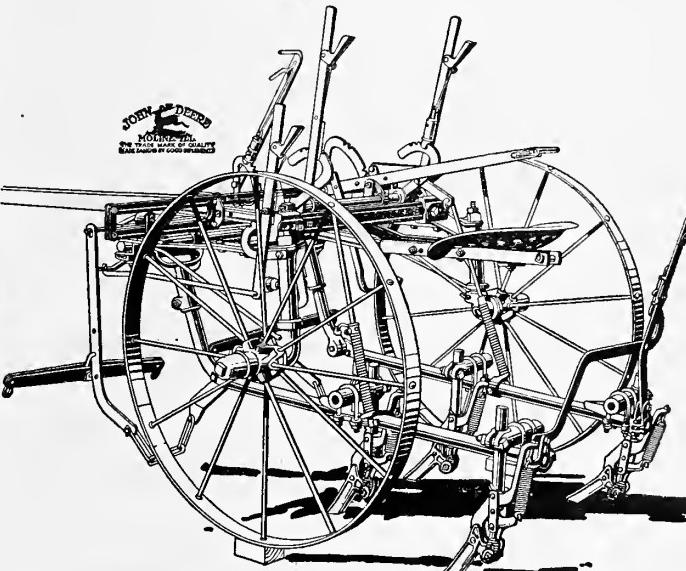
With Shafts Only

Description of Sizes

No.	Dia. Ins.	Length Ft.	Face Sec.	Weight Lbs.	Price.
341	24	40	4	800	\$136.00
342	24	50	5	950	156.00
344	28	40	4	1000	168.00
345	28	50	5	1200	196.00

Buch Manufacturing Co., Elizabethtown, Pa.

The John Deere KL



Is a new cultivator especially adapted for good work in crops planted in either narrow or wide rows.

It cultivates rows as narrow as 30 inches and as wide as 48 inches—meets the requirements in potatoes, corn, beans, cabbage and practically all the crops grown by the general or truck farmer.

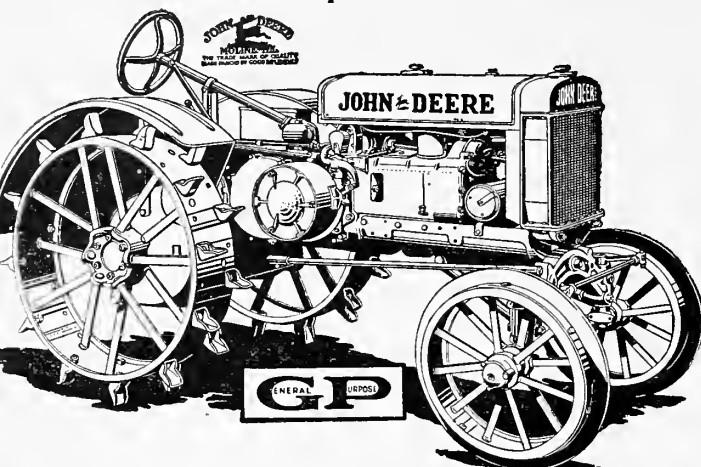
Wheel Track adjustable to 34, 36, 38, 40, 42, 44 and 46 inches.

Exceptionally Strong Construction. Extra strong wheels of latest design, heavy square axle, stable mountings, no lost motion in essential parts. Frame will not sag; wheels will not spread. Rigs of durable stock are connected to frame at cross shaft with adjustable coupling to compensate for wear—rigs do not get sloppy.

6-Shovel, spring-trip \$60.00

8-Shovel, spring-trip 65.00

JOHN DEERE
General Purpose Farm Tractor



Now you can do all your farming with mechanical power—plowing, planting, cultivating, disking—all field work, all belt work, including jobs requiring power take-off service. All those operations are accomplished quickly, economically and efficiently with the John Deere General-Purpose Farm Tractor.

It is a tractor of standard, conventional design, light in weight, but remarkably powerful, that does high-grade work on any farm job within its power range.

In its construction are embodied the principles that have made the larger John Deere tractors famous for economy, durability and efficiency on the bigger farm jobs—its design has been thoroughly proved on thousands of farms.

With this tractor, farm work can now be done more timely and with less help—besides it does away with the drudgery of caring for horses—gives you more time for other farm duties and for recreation.

The John Deere General-Purpose Tractor meets the needs on the average-sized farm and makes farming with mechanical power both practical and profitable.

The John Deere will do your plowing, planting, cultivating, disking, rotary hoeing, harrowing, pulverizing, manure-spreading and hauling.

It will pull your mower, side rake, hay loader, grain binder, corn binder and corn picker.

It will operate the feed grinder, silo filler, corn sheller, threshers and wood saw.

10-20 F. O. B. Factory..... \$ 850.00
15-27 F. O. B. Factory..... 1115.00

Cylinder Block, Porcelain Lined, 6 feet long.....	7.30
Cylinder Block, Porcelain Lined, 7 feet long.....	8.10
Cylinder Block, Porcelain Lined, 8 feet long.....	8.90
6x6 Couplings for 4x4 Tubing.....	.90
Buckets, 5-inch, each, No. 00, \$1.75; 4-inch, each, No. 0..... 1.50	
Buckets, 3½-inch, No. 1, each, \$1.25; 3-inch, No. 2, each..... 1.00	
Handle, any size, each, 40c; Handle Links or Knuckles..... .50	
Check Valves, per dozen.....	2.00
Iron Connection for Drive Wells, fitted for 1¼-inch and 1½-inch iron pipe.....	1.50
Extra Iron Spout, with loose collar.....	.50
Extra Wood Spouts, each 20c; Extra Spout Braces, each..... .40	
Extra Bands, each.....	.15
Extra Ears or Brackets, Nos. 35 and 36, each.....	.50
1-inch Rod Couplings, pair.....	.50
Plunger Rod, per foot.....	.05

Our Handy Steel Wheel Farm Trucks



With 3½ x 10 Skelns.
Capacity, 4,000 lbs.
Price \$50.00

With Yoke and Double-tree, \$5.00 extra.



Wood Pumps

PRICES OF
PUMPS
FITTED
COMPLETE
With and
Without
Porcelain
Cylinder



Depth of Well.	6x6 Lined.	7x7 Lined.
10 Feet	\$13.90	\$16.00
12 Feet	14.50	16.75
14 Feet	15.00	17.25
16 Feet	15.40	17.40
18 Feet	16.05	18.15
20 Feet	16.50	18.60
23 Feet	17.40	19.80
25 Feet	19.20	21.90
28 Feet	21.24	24.57
30 Feet	23.05	27.00
33 Feet	25.80	28.15
35 Feet	29.50	31.90
40 Feet	34.10	36.50
45 Feet	39.50	41.85
50 Feet	44.00	46.45

Goulds "Empire" Double-Acting Force Pumps

Price, each..... \$22.50

Goulds "Star" Anti-Freezing Lift Pumps

Brass Cylinder. Price, each..... \$11.00
Iron Cylinder. Price, each..... 9.00

A medium-priced Well Lift Pump as described above adapted for outdoor cisterns and dug or drilled wells. The lever and rod are connected with a cross-head and bolt.

Goulds Pitcher Spout Pumps

Price, each..... \$3.75

Tubing and Miscellaneous

4x4, 10 feet long and under, per foot.....	\$.30
4x4, over 10 feet, per foot.....	.32
6x6 Extension Tubing, per foot.....	.80
Cylinder Block, Porcelain Lined, 3 feet long.....	4.90
Cylinder Block, Porcelain Lined, 4 feet long.....	5.70
Cylinder Block, Porcelain Lined, 5 feet long.....	6.50

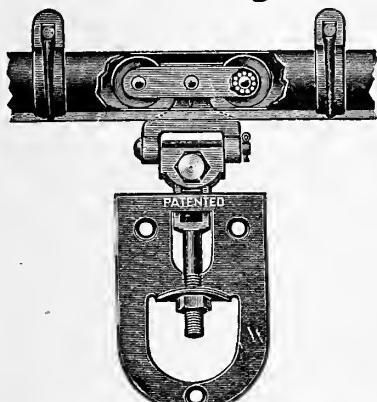
The Myers "O. K. Stayon" Flexible Covered Door Hanger

WITH HARD STEEL ROLLER BEARINGS

The Original Flexible Hanger Has Never Been Equalled.
Price, Pair.....\$1.40

The track is heavy special high carbon stiff steel, 3/16 by 1 $\frac{1}{4}$ inches, supported by rigid brackets, with a square shoulder mortised through the track. Price, per Foot, 11 cts.

The Myers New-Way Giant Door Hanger



ADJUSTABLE TANDEM WITH FLEXIBLE ENGINE TRUCK

Lateral Adjustment To and From the Building.
Vertical Adjustment to Raise and Lower the Door.
Price, Pair.....\$2.50

The Myers New-Way Giant Tubular Girder Track

Brackets, each.....\$.20

Self-cleaning. Bird, dust and vermin proof. With or without cover. Each piece of track provided with a hole through which the bearings can be oiled. Price, per Foot, 26 cts.

Superior Combined Grain and Fertilizer Disc Drills



Are the most perfect seeding machines known to the farming industry.

8x8 Complete with Grass Seeder.....	\$148.00
10x8 Complete with Grass Seeder.....	162.50
9x7 Complete with Grass Seeder.....	156.50
11x7 Complete with Grass Seeder.....	170.00
15x7 Complete with Grass Seeder.....	242.00



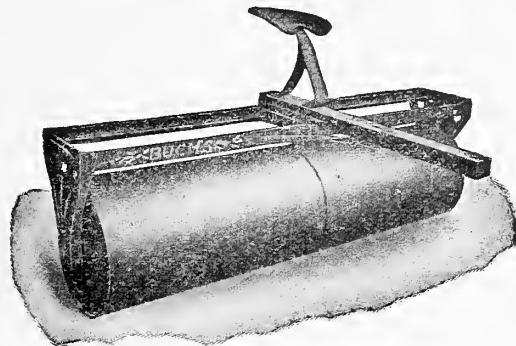
8-Foot Agitator Feed.....\$85.00

The Superior Broadcast Sower will distribute evenly and uniformly all forms of agricultural lime in quantities ranging from 300 to 6,000 pounds per acre. All brands of commercial fertilizer can be successfully handled but it is not recommended for sowing quantities less than 300 pounds per acre.

This machine is strong and durable and is very simple to operate.

Superior Lime Sower

Buch's Steel Land Rollers



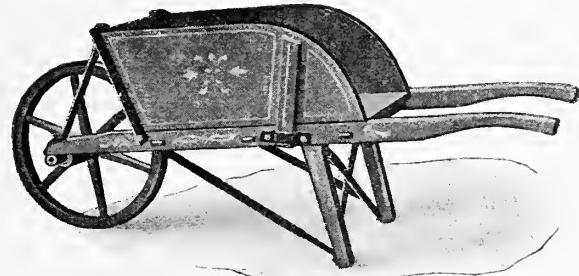
8-Foot, 2 Sections.....\$40.00
8-Foot, 3 Sections.....42.50

No. 75a Syracuse Steel Tray Mortar Wheelbarrow



Price.....\$7.25

Buch's No. 1 Wheelbarrow



Price.....\$8.50

Buch's No. 1 Barrow is a strong, roomy wheelbarrow for farmers' use. The frame is seasoned hardwood, painted red. Size of body: 30 inches long, 24 inches wide in front, 25 inches in back. Sideboards: 12 inches high, 30 inches long. Handles: 5 $\frac{1}{4}$ feet long, 2 $\frac{3}{4}$ x 1 $\frac{1}{4}$ inches. Wheel: 22 inches diameter, 6 spokes; hub: 3 inches diameter in center, 2 inches at ends. Back and legs put together by joint bolts. Shipped knocked down unless otherwise instructed. Weight, 60 pounds.

Buch's No. 2 Wheelbarrow

Price.....\$7.50

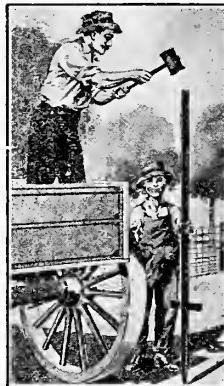
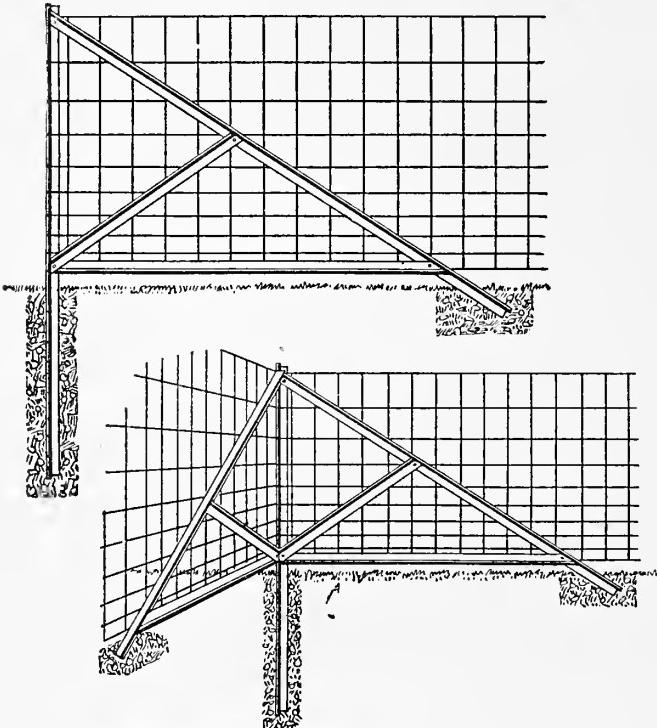
A durable, neat Garden Barrow. Size of body: 28 inches long, 20 inches wide in front, 24 inches wide at back. Sideboards: 27 inches long, 12 inches high. Handles: 5 feet long, 2 $\frac{1}{4}$ x 1 $\frac{1}{4}$ inches. Wheel: 20 inches diameter, 6 spokes. Weight, 50 lbs.

Buch's No. 3 Wheelbarrow

Price.....\$7.00

No. 3 Wheelbarrow is same style exactly as No. 2, only smaller. Size of body: 26 inches long, 19 inches wide in front, 22 inches wide at back. Sideboards: 26 inches long, 12 inches high. Handles: 5 $\frac{1}{2}$ inches long, 2 $\frac{1}{4}$ x 1 $\frac{1}{4}$ inches. Wheel: 20 inches diameter, 6 spokes. Weight, 50 lbs.

"Quick-Set" Steel Fence Posts



WHY QUICK-SET POSTS ARE BEST

They are made of elastic, carbon angle steel—the strongest and toughest post material.

They have more strength for their weight than any other form, and heavy enough to resist inroads of rust for more than a generation.

They do not break off, bend over, rot out, or burn up. They permit you to burn the fence row and destroy insect pests.

They are the easiest and quickest posts to set ready for the fence. They are so strong and tough that you need no cap for driving them.

They are the only posts for replacing decayed posts in old fences. They save the ugly job of digging holes besides woven or barb wire.

They save your stock by grounding the lightning before it reaches them. They also keep lightning from burning the galvanizing from whole strands of wire fence. Quick-Set Ends and Corners save about two and a half feet of fencing that is required to wrap about a large wood post.

72-inch Post.	Price.....	\$.45
84-inch Post.	Price.....	.50
96-inch Post.	Price.....	.60
End or Gate Post, 72-inch.	Price.....	2.75
End or Gate Post, 84-inch.	Price.....	3.00
End or Gate Post, 96-inch.	Price.....	3.25
Corner Post, 72-inch.	Price.....	4.00
Corner Post, 84-inch.	Price.....	4.25
Corner Post, 96-inch.	Price.....	4.50

Pittsburgh

Columbia Hinge-Joint Steel Wire Fence

Basic open hearth steel wire, heavily super-zinced to resist rust and corrosion, is fabricated into fence with the well known "Columbia" Hinge-Joint that grips with grit. The strong, flexible stay wires that extend from top to bottom of the fence are of the same size as the line wires, giving the fence uniform durability.

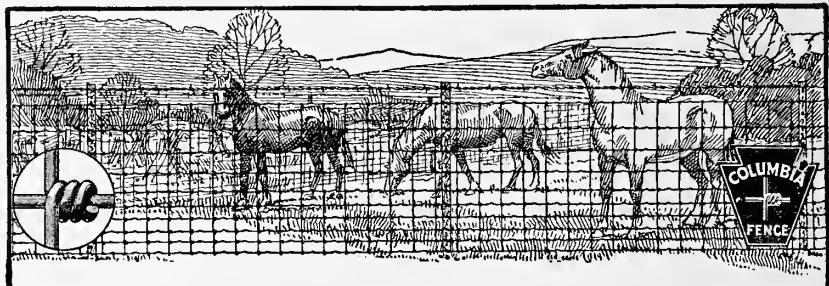
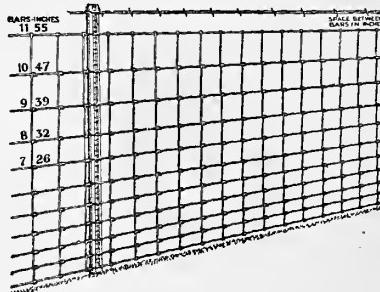
No. 12½ GAUGE

The No. 12½ Gauge Fence makes a very substantial and durable live stock enclosure. The several styles listed meet a variety of farm needs in a satisfactory and economical manner.

The top and bottom wires are No. 10 Gauge, all other wires No. 12½ Gauge.

		Height.	Between Stays.	Price, Per Rod.
No. 1155	11 bars	55 ins.	12 ins.	\$.50
No. 1047	10 bars	47 ins.	12 ins.	.43
No. 832	8 bars	32 ins.	12 ins.	.37
No. 726	7 bars	26 ins.	12 ins.	.33
No. 1155	11 bars	55 ins.	6 ins.	.70
No. 1047	10 bars	47 ins.	6 ins.	.60
No. 832	8 bars	32 ins.	6 ins.	.45
No. 726	7 bars	26 ins.	6 ins.	.38
No. 939	9 bars	39 ins.	12 ins.	.40

We can furnish above Fence in No. 11 Gauge, or all No. 9. Prices on application.



Barbed Wire Fence

CATTLE BARB WIRE. 6 inches between barbs. Per lb...\$.05
HOG BARB WIRE. 4 inches between barbs. Per lb.....\$.05
TWO-STRAND TWIST WIRE. Per lb.....\$.05

NO. 9 and 10 PLAIN GALVANIZED WIRE
 25 lbs.....\$1.75 50 lbs.....\$3.00 100 lbs.....\$5.00

Diamond Mesh Poultry Netting

The wire we offer is No. 20, double twist, 2-inch mesh, thoroughly galvanized. Sold in bales of 150 running feet.

Galvanized after weaving.

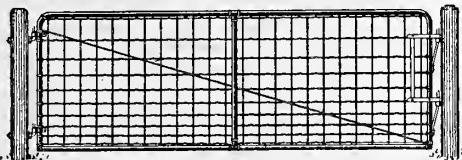
	Width, Inches.	Sq. Ft.	Price.
No. 20.....	12	150	\$1.35
No. 20.....	18	225	1.90
No. 20.....	24	300	2.50
No. 20.....	36	450	3.60
No. 20.....	48	600	4.40
No. 20.....	60	750	5.50
No. 20.....	72	900	6.65

ONE-INCH MESH, Galvanized After Weaving

	Width, Inches.	Sq. Ft.	Price.
No. 20.....	12	150	\$3.00
No. 20.....	18	225	4.35
No. 20.....	24	300	5.50
No. 20.....	36	450	7.75
No. 20.....	48	600	10.15
No. 20.....	60	750	12.75
No. 20.....	72	900	15.75

SUPER-ZINCED FENCES

Pittsburgh Perfect Drive Gates



Our drive gates are of exceptionally rigid construction, and will not sag nor weaken. They are covered with Pittsburgh Perfect or Columbia Fence, made of all No. 9 gauge wires, producing a neat, effective and durable unit. Prices include fittings for wood posts. Steel post fittings, extra.

Made in three styles: Single Drive and Double Drive with ornamental tops and covered with Pittsburgh Perfect No. 9 Ornamental Double Scroll Lawn Fence, and Single Drive with plain top and covered with Pittsburgh Perfect or Columbia No. 9 Farm Fence.

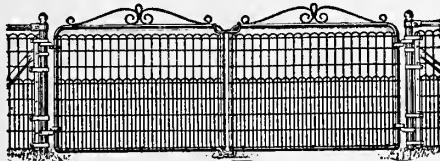
SPECIFICATIONS

SINGLE DRIVE NO. 9 JUMBO FENCE—Plain Top Only

Width of Opening.	Height of Gate.	Approximate Weight.	Price.
10 feet	48 inches	73 pounds	\$8.00
12 feet	48 inches	82 pounds	9.00

Double Drive, \$1.00 per Gate additional.

DOUBLE DRIVE DOUBLE SCROLL LAWN FENCE Ornamental Top



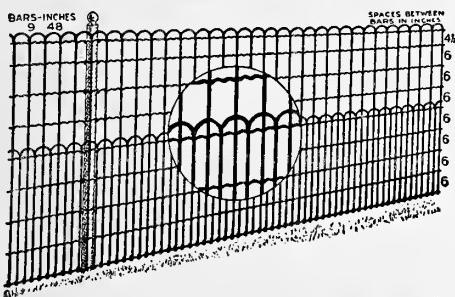
Width of Opening.	Height of Gate.	Approximate Weight.	Price.
10 feet	36 inches	95 pounds	\$11.00
10 feet	42 inches	100 pounds	12.00
10 feet	48 inches	106 pounds	12.75
12 feet	36 inches	100 pounds	12.00
12 feet	42 inches	109 pounds	13.00
12 feet	48 inches	117 pounds	14.00

Pittsburgh Lawn Fence

THE PERFECT LAWN FENCE

The Lawn Fence illustrated and described here gives the privacy and protection desired for every lawn. It commands respect for your property rights, keeps out dogs, chickens and other trespassers, and extends your home to the property line.

This double scroll fence, we believe, is the most distinctive lawn fence made. Its attractiveness is due in a large measure to its freedom from twists, coils, crimps and other unsightly intricacies of design. It is made of heavy wires, neatly and solidly



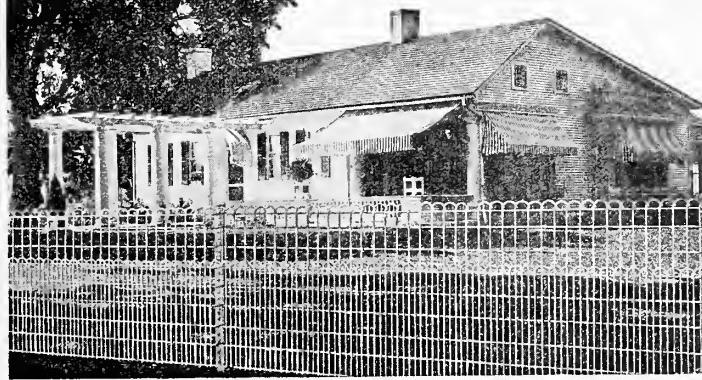
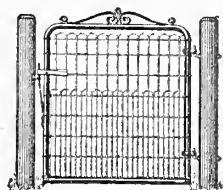
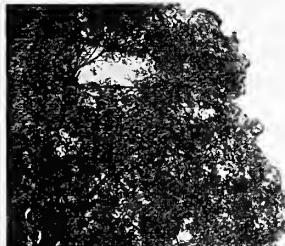
joined into a trim, rigid fabric. "Super-Zinced" wire is used throughout, insuring great durability.

The wires are spaced only 1 1/8-inch apart, making the fence non-climbable and keeping out the smallest animals and chickens.

NO. 9 GAUGE

	Height.	Upper Space.	Lower Space.	Price Per Ft.
No. 524X—150 ft. Rolls	24 inch	.....	.....	\$.12
No. 736X—150 ft. Rolls	36 inch	2 1/8	1 1/8	.14
No. 842X—150 ft. Rolls	42 inch	2 1/8	1 1/8	.15
No. 948X—150 ft. Rolls	48 inch	2 1/8	1 1/8	.16
Less than full Rolls, add 2c per foot.				
Single Scroll Lawn Fence. 24 inch high.....				.09

Pittsburgh Perfect Walk Gates



The finishing touch to the lawn inclosure is a gate, which should incorporate rigid construction, durability, neatness, ease of hanging and ease of operation. These points are offered in Pittsburgh Perfect Gates.

The qualities combined in Pittsburgh Perfect Gates include rigid construction, durability, neatness, ease of hanging and ease of operation.

3 foot Opening—36 inches high.	Price.....	\$3.75
3 foot Opening—42 inches high.	Price.....	4.00
3 foot Opening—48 inches high.	Price.....	4.50
3 1/2 foot Opening—36 inches high.	Price.....	4.00
3 1/2 foot Opening—42 inches high.	Price.....	4.50
3 1/2 foot Opening—48 inches high.	Price.....	5.00
4 foot Opening—36 inches high.	Price.....	4.50
4 foot Opening—42 inches high.	Price.....	5.00
4 foot Opening—48 inches high.	Price.....	5.25

PUSH NO MORE

JUST FOLLOW AND GUIDE

Now the home-owner's last hard job is abolished forever—no more pushing a heavy hand lawn mower on a hot day. All you need do is to follow and guide this new wonderful little motorized mower that runs itself—

Bob-a-Lawn

"The Pushless Lawn Mower"

Easy pull on starting cord and engine starts. Slight pull on control handle and mower starts. Does everything a hand mower will do, and more. Boy or girl can operate it. Cuts on hill or terrace; heavy or light grass. Very low cost. Send for free folder.

Manufactured and guaranteed by Cushman Motor Works. Factory: Lincoln, Nebraska. Eastern branch: Norfolk, Va. Price with Magneto Equipment \$155.00



Use BALDERSON'S
WASHINGTON LAWN GRASS SEED
and secure a beautiful lawn.

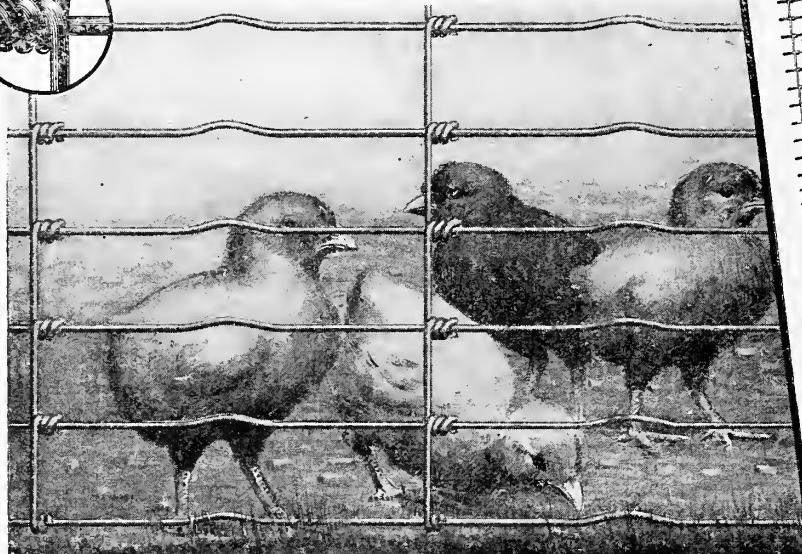
Pittsburgh Chictite

Here is a fence that is wanted by everyone who raises poultry—a genuine hinge-joint fence, spaced close enough at the bottom to confine little chicks and keep out destructive animals. It is well made, flexible fence fabric, Super Zinced for durable rust protection.

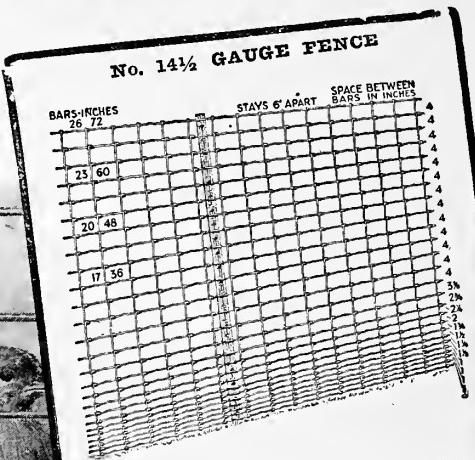
A very economical fence because of its low price, and ease of erection. If stretched taut on good posts no top and bottom boards are necessary. Made in heights up to six feet.



Lower Line Wires only one inch apart.



A Real Fence That Holds and Protects Little Chicks



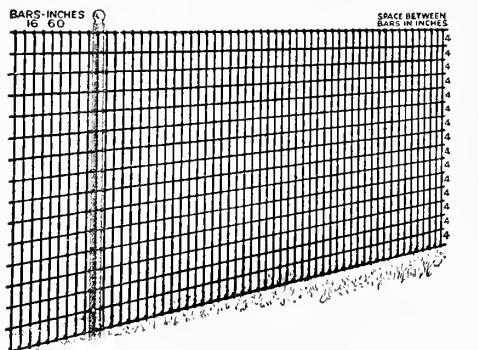
Where the greatest possible service is wanted from a close mesh poultry enclosure, this heavy weight fence is highly desirable. It is easily erected, requires few posts and saves the expense of top rails and bottom boards. Its heavy weight and tightly wrapped hinge-joints mean permanent satisfaction. Lower line wires spaced only one inch apart. Made in four heights.

mean per line wires spaced out Made in four heights.	
No. 2048A—48 in. high, 6 in. stays, 10 rod roll. Price.....	\$5.90
No. 2360A—60 in. high, 6 in. stays, 10 in. rod roll.....	\$7.00
No. 2672A—72 in. high, 6 in. stays, 10 in. rod roll.....	\$8.00

Pittsburgh

Lawn Fence

No. 11 Plain



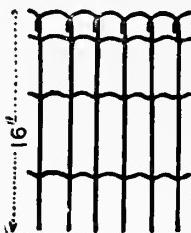
This close mesh lawn fence is adaptable to a wide variety of uses. Closely spaced stay wires (1% inches apart) make it non-climbable. Suitable for orchard, poultry runs, barnyards, tree and window guards, corn cribs, etc. No. 11 wire throughout.

No. 724P—7-bar, 24 in. high, 1% in. stays, 6 in. between line wires. Price.....	9c per foot
No. 1036P—10-bar, 36 in. high, 1% in. stays, 6 in. between line wires. Price.....	10c per foot
No. 1348P—13-bar, 48 in. high, 1% in. stays, 6 in. between line wires. Price.....	11c per foot
No. 1660P—16-bar, 60 in. high, 1% in. stays, 4 in. between line wires. Price.....	12c per foot

Put up in 100 and 150-foot rolls.

Pittsburgh

Flower Fence



2" This fence is easily placed by pushing the stiff ends of
4" the pickets into the ground.

Suitable for walk borders, flower bed guards, tree guards, etc. No. 9 wire entirely, furnished either in 16 or 22 inch height.

Specifications

No. 216—16 in. high, 1 $\frac{1}{2}$ in. space between picket wires. Net price.....8c per foot
 No. 222—22 in. high, 1 $\frac{1}{2}$ in. space between picket wires. Net price.....9c per foot
 Put up in 100 and 150-foot rolls.

Pittsburgh Trellis Wire

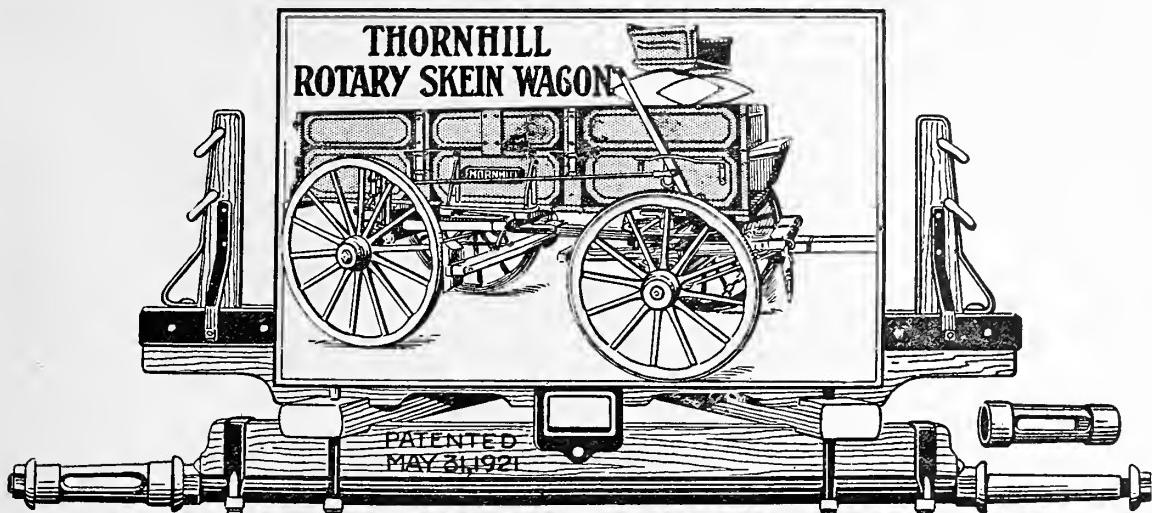
Many uses for Pittsburgh Trellis Wire will be found to help beautify the home and lawn. It is 4x4 inch mesh and all the wires are 12½ gauge. Put up in rolls of 100 and 150 lineal feet.

Specifications

No. 516—16 in. width, 4x4 in. size of mesh.
 16 in. Net price.....4c per foot
 No. 620—20 in. width, 4x4 in. size of mesh.
 20 in. Net price.....5c per foot

Put up in 100 and 150-foot rolls.

The "Thornhill" Rotary Skein Wagon



The "THORNHILL" Rotary Skein Wagon requires less horse power, less attention, less up-keep and carries much larger loads.

The light draft is not an accident, but is due to the application of scientific principles in wagon construction.

It is a master stroke in wagon building—the result of years of experience and experimenting.

This wagon has every advantage found in any high-grade wagon, and many special features peculiar to itself.

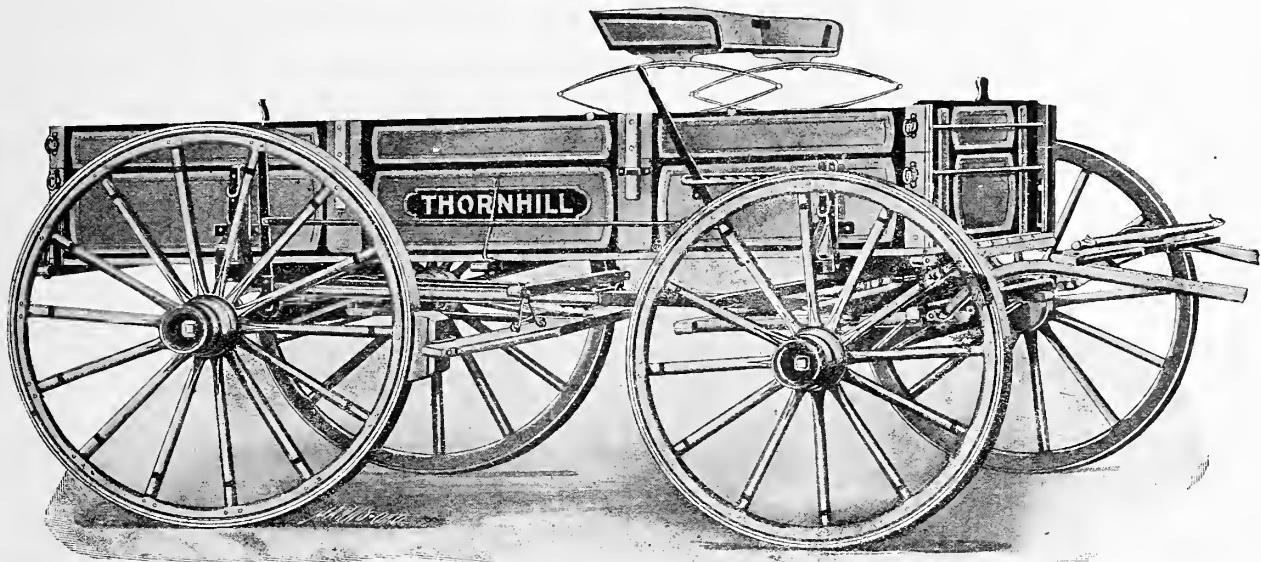
The "THORNHILL" Rotary Skein Wagon has no equal anywhere at any price.

MADE IN FOUR SIZES AND DIMENSIONS AS FOLLOWS:

SIZE	SPINDLE	CAPACITY	SIZE OF TIRE	HEIGHT	WHEELS	DIMENSIONS OF BED—OUTSIDE				PRICE
						Front.	Rear.	Length.	Width.	
Light	1 3/4 x 8	2,000 lbs.	2 3/8 x 1 1/2	40 ins.	44 ins.	10" 0'	42 ins.	12 ins.	8 ins.	\$142.50
Medium	2 1/2 x 8 1/2	3,000 lbs.	2 1/2 x 2 1/2	40 ins.	44 ins.	10" 0'	42 ins.	14 ins.	10 ins.	155.00
Standard	2 1/4 x 10	4,000 lbs.	2 3/4 x 3 1/4	40 ins.	44 ins.	10" 0'	42 ins.	14 ins.	12 ins.	170.00
Heavy	2 1/2 x 11	5,000 lbs.	2 x 3 1/2	40 ins.	44 ins.	10" 0'	42 ins.	16 ins.	12 ins.	190.00

Thornhill One-Horse Thimble Skein Farm Wagon

THE MOST EFFICIENT WAGON EVER MADE



SIZE OF SKEIN	SIZE OF TIRE	HEIGHT OF WHEELS	DIMENSIONS OF BED—OUTSIDE				CAPACITY	PRICE	
			Front.	Hind.	Length.	Width.			
2 3/8 x 7 1/2 ins.	1 1/4 x 7 1/2 ins.	3 ft. 4 ins.	3 ft. 8 ins.	7 ft. 6 ins.	3 ft. 4 ins.	10 ins.	5 ins.	1,200 lbs.	\$81.50
2 1/2 x 8 ins.	1 1/8 x 8 1/2 ins.	3 ft. 4 ins.	3 ft. 8 ins.	8 ft. 6 ins.	3 ft. 4 ins.	10 ins.	6 ins.	1,500 lbs.	85.00

Thornhill One-Horse Steel Axle Farm Wagon

Size of Skein—1 1/4 x 7 ins. Size of Tire—1 1/4 x 7 1/2 ins.
Height of Wheels—Front, 3 ft. 4 ins.; Hind, 3 ft. 8 ins.
Capacity—1,200 lbs. Price, \$85.00.

Dimensions of Bed, Outside: Length—7 ft. 6 ins. Width—3 ft. 4 ins. Depth—Bottom, 10 ins.; Top, 5 ins.
Deduct \$5.00 from One-Horse Wagon if Brake is not wanted.

ALL PRICES IN THIS CATALOGUE SUBJECT TO CHANGE WITHOUT NOTICE.

"SENIOR LEADER" OSPRAYMO:

For Spraying Larger Orchards and Trees

General Description.—A powerful outfit for heavy work. 4 H. P. engine, fully water jacketed. Magneto Ignition. Triplex Pump with Improved Pressure Regulator.

Four H. P. Engine.—Our 4 H. P. "Leader" Cylinder is 5 inch bore and 5 $\frac{1}{4}$ inch stroke, normal speed 450 revolutions per minute.

Triplex Pump.—"Senior" "Triplex," with Counter Shaft. Capacity 10 to 12 gallons per minute at 60 revolutions. Will supply 300 to 350 lbs. pressure with 12 nozzles or 2 Master Spray Guns, 3 Hispray or 2 Oriole. Absolute pressure control automatic by means of Improved Pressure Regulator and Throttle Valve.

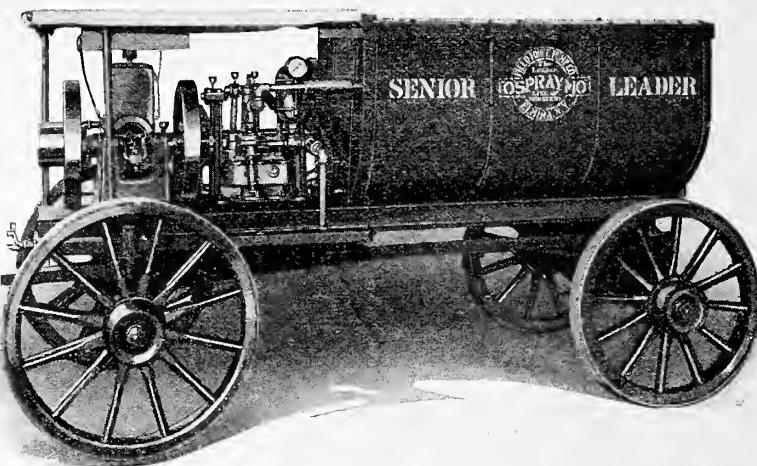
Agitator and Cleaner.—The Agitator consists of a horizontal steel shaft extending the entire length of the tank with two horizontal wooden bars securely clamped to the shaft. A large suction strainer is provided at end of tank, and brushes on the end of the paddles clean the strainer every revolution. This is driven by a sprocket chain and gears in connection with the pump and engine. See illustration at end of tank on page 17.

Frame and Housing.—Steel side members of ample strength and minimum weight, with steel angle cross pieces securely bolted together. Wood deck and canvas curtains protect engine and pump from spray of chemicals; deck furnishes safe platform for men to work upon.

Cypress Tank.—Capacity 200 gallons. Made of carefully selected cypress, with machined points. Reinforced by adjustable steel hoops.

This includes the 4 H. P. Engine with Fig. 1000 Triplex Pump, 1 double and 1 single brass cock, with connections for hose, also with pressure gauge, pressure regulator, throttle valve, 200 gallon tank with Agitator and platform with Rolled Chain Drive.

Single hoe and nozzle equipment consisting of one 15-ft. lead of our best $\frac{1}{2}$ -inch moulded hose, one 10-ft. seamless brass lined bamboo extension pipe with leakless stop cock and 1 Double Tiger strainer nozzle with necessary couplings.



Price, with Wagon	\$460.00
Less Wagon	395.00
F. O. B. Factory.	

"JUNIOR LEADER"

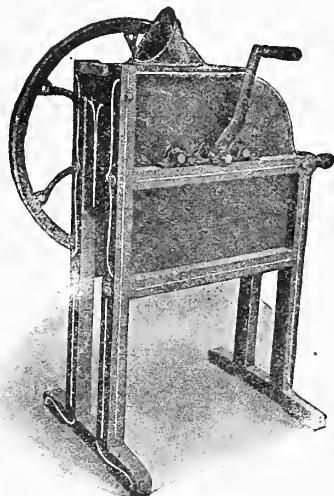
FOR SPRAYING AVERAGE SIZE ORCHARD

Same equipment as Empire Leader with 4-Horsepower Engine and 200-gallon tank.

Price, with Wagon	\$406.00
Less Wagon	341.00
F. O. B. Factory.	

Buch's Corn Sheller No. 3

ONE HOLE



Price \$14.50

Our No. 3 is our highest standard round end sheller. Made of hardwood. Joints mortised and fully bolted. It is strong, rigid and lasting.

The hopper is adjustable and takes almost any sized ear. It cleans the cob of all the grains, deposits the corn from the center, throws the cob out at end, and separates the chaff from the grains with a sieve.

Weight, about 125 lbs. Capacity, about 125 bushels per day.

Buch's Corn Sheller No. 7

TWO HOLE

Price..... \$32.00

No. 7 is a two-hopper, left-hand sheller and is provided with adjustable shaker to separate the cob and chaff from the corn. It is made for hand or power use. Has a capacity by power of 500 to 600 bushels American corn in ears per day; by hand 200 bushels.

Ford's Ever-Tite Roofing

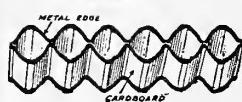
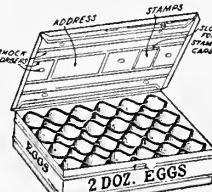
Ever-Tite is furnished to you complete. In the core of each roll are packed sufficient nails and cement for laying the entire roll. Full directions are also included.
Light—108 square feet. Price, per Roll..... \$1.30
Medium—108 square feet. Price, per Roll..... 1.85
Heavy—108 square feet. Price, per Roll..... 2.35

Ford's Slate-Surfaced Roofing

BEAUTY

The fresh artistic colors of Ford's Slatekote Roofing are permanent. The natural crushed slate with which this roofing is surfaced is mixed in three colors, rich red, cool green and smart blue-black. These colors or a combination of these colors will harmonize with any surroundings and improve the appearance of any home.

Green—108 square feet. Price, per Roll..... \$3.00
Red—108 square feet. Price, per Roll..... 3.00



The Aluminized Metal Egg Crates

(NEW MODEL)

The aluminized metal egg crate has proven itself by its thousands of users to be the only practical way to ship eggs, butter and other farm products by parcel post.

1 1/2 dozen size—All eggs.....	\$1.25
2 dozen size—All eggs.....	1.50
3 dozen size—All eggs.....	1.75
4 dozen size—All eggs.....	2.00
6 dozen size—All eggs.....	2.50
9 dozen size—All eggs.....	3.25
12 dozen size—All eggs.....	4.00
(Add postage to above prices.)	

Sundry Articles for the Gardener's Use

JUTE TWINE—For bunching vegetables, tying up tomatoes, grape vines, etc.; 2-ply or 3-ply, 30 cts. per lb.

STANDARD BINDER TWINE—Per 5-lb. ball, 75 cts.; 50-lb. bale, \$7.00.

RAFFIA—Used as substitute for twine for bunching vegetables and tieing up vegetables and flowering plants to stakes. Per lb., 25 cts.; lbs. at 20 cts. per lb.

GARDEN LINE—Per 50 ft. length, 25 cts.

HOTBED SASH—Yellow pine, grooved without glass. Price on application.

GLASS FOR HOTBED SASH—Per box of .90 lights. Price on application.

MOLE TRAP—A strong galvanized trap. Should be placed over the run. 90 cts. each. (mailing wt. 4 lbs.)

HAND WEEDER—A very handy 4-prong Steel Spring Hand-weeder. A convenient tool for lady gardeners. With 6-inch handle, 3-prong, 25 cts.; 6-inch handle, 4-prong, 35 cts.; (mailing wt. 1 lb. each);

ASPARAGUS KNIVES—Very handy and useful for cutting Asparagus. Each 40 cts. (postpaid 45 cts.).



No. 6 Pole and Cord Wood Saw

Here is an exceptionally well built machine, suitable for cutting cord wood or poles, as it has two shafts, which permit placing the balance wheel below out of the way of poles. The mandrel, pulleys and balance wheel on this machine are the same as described on our No. 5 Saw. Every box is carefully babbited.

Weight, without blade, 310 lbs.
Price, with 26-inch Saw.....\$39.50

Buch's Water Ballast Lawn Rollers



Fill with Water for Weight. Light Running.

Scraper to Keep Surface Clean.

Round Edge—No Tearing Up of Sod.

Handle Always Off the Ground.

Can be Filled with Either Water or Sand.

Adapted for Rolling Lawns, Golf Courses and Tennis Courts.

	Diam.	Length.	Empty.	Filled.	Water.	Sand.	Price.
No. 601	14 ins.	24 ins.	60 lbs.	250 lbs.	400 lbs.	\$17.00	
No. 602	18 ins.	24 ins.	85 lbs.	330 lbs.	475 lbs.	20.00	
No. 603	24 ins.	24 ins.	100 lbs.	440 lbs.	630 lbs.	23.00	
No. 604	24 ins.	32 ins.	135 lbs.	590 lbs.	850 lbs.	26.00	

USE VIGORO FOR YOUR LAWN AND GARDEN

Easy to Use. Economical.
Practical and Effective.

Kinkade Garden Tractor

SIMPLE **POWERFUL** **RELIABLE** **WORKABLE**

Economy in the Kinkade is not only expressed in first cost, in labor saved, and in operating expenses, but in the actual physical effort required on the man who runs it. In other words, one of the great big reasons why the production of truck crops has been costly, is that an enormous amount of back-breaking work has been necessary. This not only made the wages of hired help high, but their efficiency low. Furthermore, no single method of power, whether hand or horse, has been capable of doing ALL the work.

The original cost of the Kinkade tractor is about that of a good horse, and at the same time it has an adaptability much greater than that of any horse.

Also the operating expense is exceedingly low. Five cents an hour will amply cover all working expenses.

But the big saving is in the increased work done, with less physical effort. One man with the tractor has in many cases done as much work as four men with hand cultivators, and he will do his work better because he has the power which enables him to stick his plows down in the ground and work deep.

The tractor is a money-maker because a man can do his work rapidly and right, during those short periods when the soil is in ideal condition. "One cultivation at the right time is worth two too late."

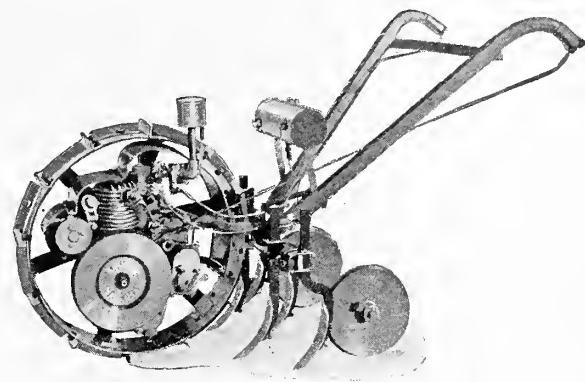
MOTOR—Own make. Four cycle. One cylinder, vertical type, 3-inch bore by 3-inch stroke. Push rods and rocker arms enclosed. All motors are factory tested to develop 3 1/10 H. P.

SPEED—600 to 1500 R.P.M. Travels from 1 to 2 1/2 miles hour.

CRANK CASE—Grey iron well ribbed. Transmission, clutch, cam shaft, timing gears, etc., all enclosed in unit crank case.

CARBURETOR—Automobile float type.

IGNITION—Dry cells and timer. Magneto can be attached without change to engine.



COOLING—Air cooled, by large cooling surfaces and fins on cylinder and cylinder head. Blower type, high speed, positive drive forge fan, forces continual stream of air on cylinder head and walls.

WEIGHT—181 lbs. **WIDTH**—8 ins. **HEIGHT**—22 ins.

LENGTH—24 ins. Length of handles, 3 ft.

WHEELS—Drive wheel 22-inch diameter by 5-inch tire.

DUST PROTECTION—Every moving part enclosed and run in oil. All air for carburetor taken from above the entire tractor, through Air Cleaner.

OILING SYSTEM—Splash, circulated by positive pump.

FUEL—Gasoline. One gallon fuel capacity. Sufficient for a full day's work.

DRAW BAR—Steel, located 10 ins. above ground.

TOOL BRACKETS—Adjustable for width, and location of tools.

HANDLES—Strong wood, horse drawn agricultural type, with good sized grips.

CLUTCH—Positive Jaw Type.

CONTROL—Clutch by motor-cycle grip on left handle. Throttle by positive grip on right handle.

STEERING—By handles, same as on a wheel hoe.

CLEARANCE—When used with over-the-row attachment for work astride the rows the clearance is 11 ins.

KINKADE GARDEN TRACTOR, Standard with Battery Ignition System\$190.00
Including: Complete set of field lugs; draw bar; two caster wheels and axles; two caster wheel brackets; two straight tool posts; two staggered tool posts; set of four cultivating steel No. 1156; all necessary clamps and bolts.

Magneto Ignition System\$20.00

Paints-Varnishes-**SO-E-ZY** FINISHES

WE ARE AUTHORIZED DISTRIBUTORS FOR

Standard-Plate PRODUCTS

PAINTS • VARNISH • GLASS

In Line With Our Old Policy

—We now are ready to service any Paint, Varnish, Enamel, Lacquer or Stain requirement—with products that are guaranteed to give you complete satisfaction.

Every surface needs paint or varnish protection to prevent rust or decay. Examine your standing property and arrange to protect that which is now in need of paint or varnish.

For your convenience, we carry in stock many different special paint products for special uses. House Paint, Floor Paint, Flat Wall Paint, Truck and Implement Paint, Auto Enamel and Varnish Stains. Ask for color card and our estimate on material cost for any work you have.

Guaranteed Quality Products

Per Gal.

Standard Plate Prepared Paint.....	\$3.70
Standard Plate Floor and Deck Paint.....	3.70
Standard Plate Flat Wall Paint.....	2.90
Standard Plate Truck and Implement Paint.....	4.00

Greenhouse Glass

We can supply demands on any sizes in Single or Double Strength Greenhouse Glass. As this material fluctuates in price, please write us for current prices.

DICK'S BLIZZARD ENSILAGE CUTTER

Joseph Dick Manufacturing Company has the reputation for building the simplest and most durable ensilage cutter made, in fact, durability is a tradition with the Blizzard. Every Blizzard Ensilage Cutter is guaranteed to do satisfactorily the work claimed for it, and is further guaranteed against defective

material or workmanship. If you will investigate the Blizzard, the quality of the work it does, the amount of work it will deliver per horsepower, its ability to fill silos that cannot be reached by any other machine, you will decide to invest your money in a Blizzard.

Following prices include regular equipment which means the following: 3 knives on cutter, 3 extra knives, plain self feed paddle roll, 30 ft. blower pipe and hood or deflector for end of pipe.

Throat	Number	On Skids.	On Truck.
11x5½ in.	400	Blizzard, with regular equipment.....	\$205.00 \$240.00
11x6 in.	500	Blizzard, with regular equipment.....	250.00 285.00
15x7 in.	600	Blizzard, with regular equipment.....	295.00 330.00

NOTE.—When more or less than regular equipment is wanted with machine, add to or subtract from above prices, the following prices:

Dick's Knife Grinder attachment, for either size machine.....	\$14.00
Shredder Bars with Bolts for attaching.....	{ No. 400, each..... 6.00 No. 500, each..... 6.60 No. 600, each..... 7.00
Cutting Knives	{ No. 400, each..... 3.50 No. 500, each..... 4.00 No. 600, each..... 4.50
Elbow Joints for No. 400, 500 or 600 each.....	1.60
Extra Blower Pipe (in two, four or eight foot lengths) No. 400, 500 or 600 (7 in. diameter), per foot.....	.75
Hood or Deflector (steel reinforced) for No. 400, 500 or 600 (7 in. diameter)	10.00
Galvanized Hopper for Inside Distributor Pipe with Braces, No. 400, 500 and 600, each.....	4.50
Galvanized Flexible Inside Distributor Pipe (36 in. sections), each	2.50
Galvanized Hopper with Hood Braces, and 8 Sections Inside Distributor Pipe, 27 feet, special price when bought with cutter or cutters.....	23.50

SATISFIED CUSTOMERS IS THE REASON FOR OUR SALES INCREASING.

ORDER SHEET for Balderson Company, Inc., Seeds, Bulbs, Plants, Etc.

BALDERSON COMPANY, Inc.

610 Pennsylvania Ave., N. W.

Washington, D. C.

Send by _____ Date _____ 1929
State if wanted by Parcel Post, Express, Freight or Steamer.

To (Name) _____
Mr., Mrs., or Miss; write name very plainly.
P. O. Box, Street
or Rural Delivery
Post Office _____

County _____, **State** _____

Station or Express Office
(Only if different from P. O.)

VERY IMPORTANT. Write your name very plainly and give your Post Office, County and State in full every time.

BALDERSON COMPANY, INC., gives no warranty, express or implied, as to quality, description, productiveness, or any other matter, of any seeds, bulbs, or plants it sells, and will not be responsible for the crops.

Money Enclosed.	Amount.
Bills or Silver..... (Register the letter)	
Draft or Check....	
Ex. Money Order..	
Post Office Order..	
Postage Stamps...	
Total.....	

Please do not ask questions on this order sheet, but write them, and all communications requiring an answer on a separate sheet and enclose with order, to insure a more speedy reply.

SEE OTHER SIDE.

Please write below the names and addresses of a few of your friends who are interested in and buyers of seeds

Please Do Not Write In This Space

Route Shipped by _____ Date Shipped _____ 1929

in Pkgs., Bundles, Boxes, Crates, Baskets, Bbls., Bags

Laid out by _____ Checked by _____ Reply required by _____

Ground Lime Stone

HYDRATED AND OYSTER SHELL LIME

Prices on application.

Valuable for applying on Clover, Grass and Peanut crops. Particularly valuable to be used when preparing land for Alfalfa.



Sheep Head Brand Sheep Manure

This is the pure, natural manure saved from the stock yards, is thoroughly dried, pulverized and screened; is light and easily and quickly applied. It is free from weed seeds and a splendid fertilizing manure for all crops and especially for top dressing lawns and golf courses, shrubs and vegetables, also flowers and house plants.

2-lb. pkg.	\$0.15
5-lb. pkg.	.30
10-lb. pkg.	.50
25-lb. pkg.	1.00
100-lb. bag	2.75
Per ton	45.00

We WILL CONTINUE TO BE HEADQUARTERS FOR Swift's Red Steer Fertilizer

QUALITY

SERVICE

ECONOMY

SATISFACTION

GROWERS—PLAY SAFE!

Look for This Tag



Red Steer Fertilizer

FOR TRUCK CROPS

10- 5-0
7-11-7
7- 6-5
5- 8-5

FOR GENERAL CROPS

4-16-10
4-16- 4
4-12- 4
3-10- 6
2- 8-10
2-16- 8
2-12- 4

Fertilizer Materials

Blood	Superphosphate
Bone Meal	Nitrate of Soda
Raw Bone	Sulphate of Ammonia
Tankage	Sulphate and Muriate of Potash

Attached to Every Bag.

A SAFE BUYING GUIDE

We Have An Ample Stock At All Times. Phone or Mail Your Orders



BALDERSON'S FLOWER SEED
OFFER

One Packet each of the above for 45c
or free with \$2.50 worth of flower and
vegetable seed if asked for with order.

Robusta Grandiflora
Zinnias.
Pkt. 20c.